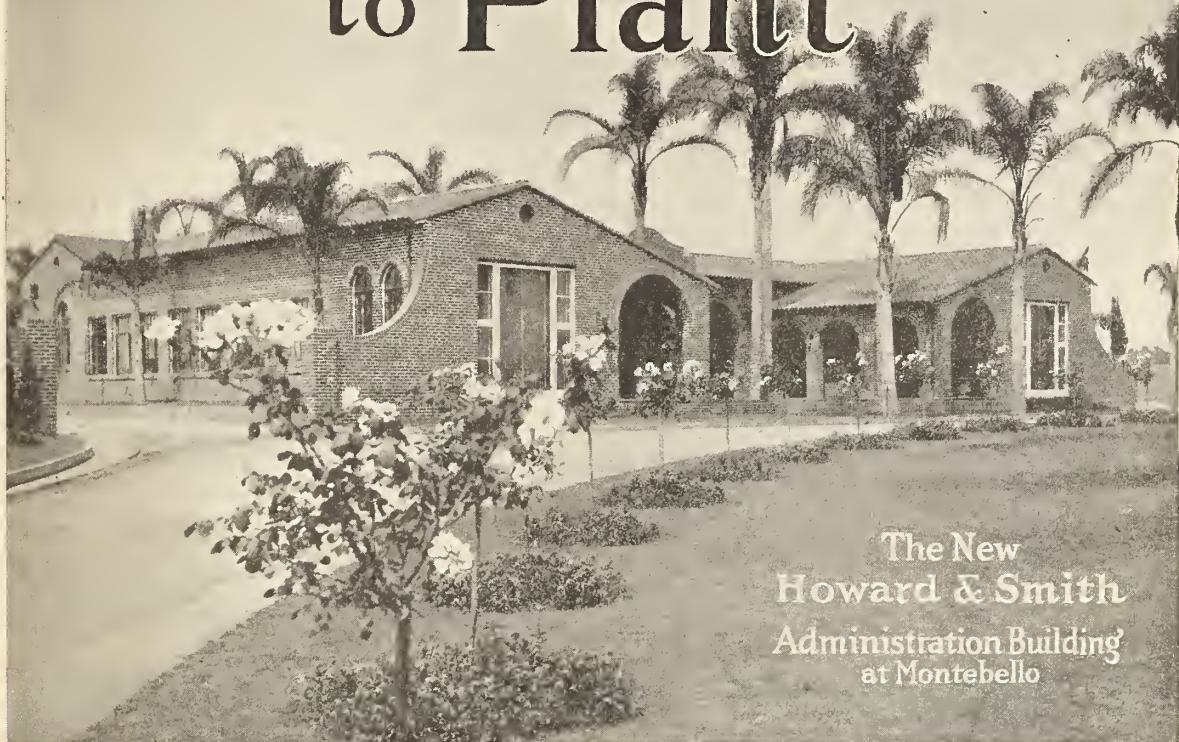


Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

What and When to Plant



The New
Howard & Smith
Administration Building
at Montebello

AUTUMN and WINTER

SEASON of 1930

Bulbs & Plants & Flower Seeds

WE ARE PLEASED to present this issue of What and When to Plant dealing with Bulbs, Roots, Plants and Flower Seeds for Autumn and Winter planting and feel confident that in it you will find many new, noteworthy and valuable garden acquisitions just at the time when you should begin placing them in the ground to glorify the Winter, Spring and Summer with bloom.

Our stocks of these subjects for this season are most complete and of supreme quality. They embrace the world's choicest novelties as well as the older favorites and later introductions that conform to the high standards of excellence which it is our fixed policy always to maintain.

We commend to your attention everything in this bulletin because we believe it will interest you. Furthermore we extend to you a cordial invitation to visit our extensive nurseries and see under intensive culture millions of the finest plants that can be grown.

NOW IS THE TIME TO PLANT

Direct City Phone
ANGELUS 3183
Administration Bldg.
and All Departments

Howard & Smith

MONTEBELLO,
CALIFORNIA

Bulbs for Autumn Planting

Highest Qualities Obtainable and Best Varieties Grown

AMARCRINUM HOWARDII

This is the most conspicuous of the various novelties produced by us during many years unremittingly devoted to the work of cross-breeding plants. Its character and worth as an unique bulbous plant were recognized by the Royal Horticultural Society of Great Britain with the award of the coveted solid-silver Cory Cup, the major prize presented annually for the most meritorious new subject exhibited in the great show in London, where the whole world keenly competes. Only once has this grand trophy been taken out of Europe and the fact of its having been won for America by Amarcrinum Howardii is gratifying to our firm.

The remarkable hybrid, a true cross of Crinum-Moorei on Amaryllis Belladonna (the latter the seed-bearing parent) has proved itself of great value for growing in pots or in the open garden and we have reports from many points in the United States and from other countries attesting its striking beauty, certain growth, and uniform usefulness. Combining the good qualities of both its parents and yet being decidedly different, it meets a need which nothing else can fill. Amarcrinum Howardii bears immense trusses of blossoms of a rare and lovely soft-pink shade on stems 4 feet long, and these high heads of lasting bloom, extremely showy outdoors, are highly effective in vases or otherwise as cut flowers. The color tone is exquisite.

This plant of superb beauty is of easy cultivation, growing to perfection in the open ground in climates such as that of Southern California, and requiring about the same attention as Amaryllis Belladonna or the Crinums. Where colder weather prevails it can be flowered splendidly in pots or tubs, hence it is adaptable almost anywhere.

Each, \$5.00

AMARYLLIS

H. & S. GIANT STRAIN

Flowers of magnificent proportions, model form and surpassing brilliancy and range of colors distinguish our own strain of Amaryllis as one apart—a strain unexcelled, if not unequaled, in America and ranking with the very best ever produced in Europe. From the pure white ground color with delicate markings of rose, red and various other tints they run to dazzling scarlet, rich orange, brightest red, maroon, crimson, striped, mottled and numerous unusual effects.

The blooms average from 9 to 10 inches in diameter and are flat and spreading with full rounded and over-lapping petals. Growing to a height of 3 feet the stems, laden with 5 or 6 blossoms each, display them most advantageously and make a pleasing show either at a distance or close up.

Amaryllis, planted in the autumn, are among the early spring bloomers. In Southern California and other warm parts of the country they thrive in the open border; but colder climes need not be a deterrent

to their culture because they do exceedingly well in pots and are easy to force. When the buds commence to expand they can be taken into the house for the full flowering and will give delightful results. This quality also makes them desirable for persons hampered by scarcity of soil or lack of space. These plants are well adapted to grow among shrubbery or in any parts of the garden where spots of bright color are needed.

The Amaryllis we offer are strictly a Howard & Smith production, the result of many years of hybridization between the finest types in existence, and a better strain cannot be found in the world. They are perfect in color, form, size and substance. Our bulbs are absolutely Class A, selected to bloom next Spring.

Each, 75c; per dozen, \$7.50

BELLADONNA. Lovely rose pink flower with lighter colored throat. Blossoms in August and is devoid of foliage when the tall flower spikes shoot up, hence care must be taken not to disturb it. Mammoth bulbs.

Each, 35c; per dozen, \$3.50

ANEMONES

HIS EXCELLENCY. Handsome large-flowering poppy Anemone, brilliant crimson scarlet, with white-ringed center of jet black. Strikingly effective as a bedder and a fine cut flower.

DE CAEN. Large single blossoms in various bright colors, including red, blue, lavender, rose, purple and other shades. Makes a dazzling showing in beds.

Bulbs should be soaked in water overnight and planted 1½ inch deep and 5 or 6 inches apart.

Per dozen, 75c; per 100, \$5.00

CHINESE SACRED LILY

This exquisite Narcissus is a marvelous grower and free bloomer in bowls of pebbles and water, and therefore a house favorite, though it does even better in the ground, naturalizing and becoming more floriferous year after year if undisturbed. Because of its beauty and rich fragrance the Chinese call it the "Flower of the Gods" and "Water-Fairy Flower." The blossom is pure white with yellow cup and single as a rule, though doubles occasionally appear. Each bulb produces several spikes bearing many flowers. It is most interesting to watch the rapid growth, 20 inches or more in 40 days, when they are grown in water. Should be kept in the dark a few weeks, or until the roots entwine the pebbles, and then placed in the light and sunshine, away from drafts. Popular for Christmas flowering but just as attractive all winter. Fine bulbs. Each, 25c; per dozen, \$2.50

SPARAXIS

PULCHERRIMA. A rare and lovely species of Sparaxis from the Cape of Good Hope. These bulbous plants grow about 6 feet tall. Blossoms are rose-colored, bell-shaped and dainty, borne on slender, filament-like stems; and their weight causes the long flower shoot to arch gracefully.

Each, 50c; per dozen, \$5.00



Like a Sunlit Sea of Gold, Orange and White; Hundreds of Thousands of Daffodils Grown for Bulbs at Our Rivera Nursery, the Bicolor Trumpet Variety Spring Glory in the Foreground.

Daffodils [Narcissi]

THE WORLD'S GLORIOUS NOVELTIES

NARCISSI, the aristocrats of the bulb world, have enjoyed ever-increasing favoritism for several decades in England particularly and Europe generally; and during recent years the tide of deserved popularity, swiftly gaining, has been sweeping upon America, especially California. We have watched and kept strongly abreast with this movement by growing vast quantities of choice Daffodil bulbs of the leading varieties in our Rivera Nursery and also distributing the latest and best novelties of the principal hybridizers.

This season we offer the most glorious novelties in existence and a very comprehensive list of those varieties that have passed the severe standards of the Dutch and British experts and achieved international recognition as outstanding successes; and we are in an even better position than heretofore to serve our customers. These selections have won the highest honors in competitive shows all over the United States with perfect flowers which retain their coloring and form under most severe weather conditions because of wonderful substance and inherent superiority.

While listing comprehensively we have avoided varieties closely resembling each other. Though brief descriptions may indicate similarity, each kind offered is definitely different in color and other characteristics, possessed of real merit, and fully worthy of a place in this unique collection, to which we invite your attention. We consider it not only our responsibility but a pleasurable obligation to direct purchasers to the best of our knowledge in the selection and culture of varieties and types of Daffodils that will give delightful results.

Few bulbs or plants can be more effectively or successfully naturalized in California gardens than these lovely subjects. None requires less attention once in the ground, and none could give greater returns for the money and effort expended. All our bulbs are large, clean and fine, of such high quality that we invite comparison with any. They are guaranteed to be free from disease and pests and are officially inspected and certified before shipping.

ALL-YELLOW TRUMPET

While the general public finds the vast improvements in Daffodils more apparent in the red-capped varieties, the connoisseur and all others taking an interest in harmony of lines and color will delight in the perfection of the new trumpet varieties here offered. These hybrids, mostly seedlings from King Alfred, form an advanced group superior in substance, coloring, refinement of form, vigor of growth, length of stem and flowering qualities. They represent the highest development:

AEROLITE. (de Graaff) Perianth lemon-yellow, petals overlapping, trumpet slightly darker, frilled. Beautiful and of great substance.

Each, \$3.00; per dozen, \$30.00

ALASNAM. (de Graaff) Fine bold flower well poised on long strong stem, broad full perianth with large short trumpet nicely frilled. Rich bright yellow with darker trumpet. Very early, good forcer.

Each, \$3.00; per dozen, \$30.00

GOLDEN JUBILEE. (de Graaff) Perianth pale yellow, trumpet darker. Each, \$2.00; per dozen, \$20.00

KING ALFRED. A royal representative of its type. Wonderful golden yellow with huge perianth of thick substance. Trumpet carried upward at a peculiar angle. Elegantly ruffled and the edge reflexed like a cornucopia.

Each, 25c; per dozen, \$2.50

MARYLAND. (de Graaff) A magnificent clear golden yellow of great substance with broad perianth and large graceful trumpet.

Each, \$2.00; per dozen, \$20.00

MUSTAPHIA. (de Graaff) King Alfred seedling, uniform deep golden yellow, of real beauty and great substance.

Each, \$3.00; per dozen, \$30.00

OLYMPIA. Huge trumpet of purest yellow, expanding at the mouth, with a daintily-ruffled edge, with perianth of same shade. Flower is very large and its substance such that it is splendid for cutting.

Each, 25c; per dozen, \$2.50

TRESSERVE. Gorgeous light yellow and one of the gems of the trumpet group. Blossoms extra large and showy for exhibition purposes. As fine for forcing as for planting in garden or border.

Each, 35c; per dozen, \$3.50

YELLOW HAMMER. Magnificent bright yellow of good form and substance.

Each, 50c; per dozen, \$5.00

WHITE TRUMPET KINDS

The first white hybrid trumpet Daffodil was brought out in 1884—Madam de Graaff, from a cross between Albicans and Empress—and ever since this type has been gradually perfected. The kinds we offer show the most admirable proportions of flower and plant and their charm and gracefulness are irresistible.

ALICE KNIGHTS. (Barr) Uniform creamy white, very early and attractive.

Each, 35c; per dozen, \$3.50

CASIMIR PERIER. (de Graaff) Pure white trumpet and perianth, large flower.

Each, \$2.00; per dozen, \$20.00

COL D'ANTERNES. (de Graaff) Perianth creamy white, trumpet white, good form.

Each, \$1.50; per dozen, \$15.00

JUNGFRAU. (de Graaff) Uniform creamy white, excellent form and substance, a fine show flower.

Each, \$3.00; per dozen, \$30.00

MRS. H. D. BETTERIDGE. (de Graaff) A pure white broad imbricated perianth, trumpet elegantly flanged and fluted.

Each, \$1.00; per dozen, \$10.00

SIRENE. (de Graaff) Perianth creamy white, trumpet primrose, frilled edge.

Each, \$1.50; per dozen, \$15.00

BICOLOR TRUMPET

The bicolor division has also come in for its share of advancement and the result is a new class of larger and more refined flowers, of which the best types and sorts are here listed:

COL DU MOINE. (de Graaff) Pure white, overlapping perianth, straight yellow trumpet, excellent show flower.

Each, \$1.75; per dozen, \$17.50

EMPEROR. Sometimes referred to as Queen of the Daffodils. Very large blossoms. Perianth pure white and of great substance, trumpet a clear, rich yellow.

Each, 15c; per dozen, \$1.50; per 100, \$10.00

EPAMINONDAS. (de Graaff) Perianth white, overlapping, trumpet sulphur yellow.

Each, \$1.50; per dozen, \$15.00

GWENDOLIN. (Haydon) Creamy perianth, pale yellow trumpet.

Each, 35c; per dozen, \$3.50

JEFTA. (de Graaff) A King Alfred seedling of good form and substance.

Each, \$2.00; per dozen, \$20.00

LUCIA DI LAMMERMOOR. (de Graaff) The improved Spring Glory. Each, \$1.50; per dozen, \$15.00

MRS. FRED H. HOWARD. (H. & S.) A magnificent new bi-color variety. Flowers as large as or even larger than the well known King Alfred, but of refined form and finish. Perianth a delicate primrose yellow and trumpet deep yellow, beautifully fluted and ruffled. This glorious novelty will meet a long-felt want in giant-flowered Trumpet Daffodils in that it is the latest to bloom and materially prolongs the cutting season, making blossoms available far beyond the usual period. A superb introduction.

Each, 75c; per dozen, \$7.50

ROBERT SYDENHAM. Immense flowers with perfect bright sulphur-yellow perianth and large yellow trumpet deeply frilled at brim. Among the most elegant.

Each, 25c; per dozen, \$2.50

SILVANITE. (de Graaff) Attractive and free-flowering, good color.

Each, \$1.50; per dozen, \$15.00

SPRING GLORY. Among the larger-flowering sorts of fine form. Long chrome-yellow trumpet with daintily-reflexed brim and clear white perianth with lengthy petals.

Each, 20c; per dozen, \$2.00

VAN WAVEREN'S GIANT. Largest of the trumpet varieties. Perianth bright yellow, trumpet primrose and of campanulate form. Tall and vigorous grower in keeping with the burden of flowers it bears.

Each, 30c; per dozen, \$3.00

INCOMPARABILIS

The astonishing increase in the number of varieties having red crowns, the greater depth and brilliancy of the color in them, and the coming of the Giant Incomparabilis, with huge red or orange cups, may be considered the outstanding development of recent years in Daffodils.

JESTER. (de Graaff) Perianth creamy yellow, cup margined orange.

Each, \$1.00; per dozen, \$10.00

BLACKWELL. (Backhouse) Creamy yellow overlapping perianth, orange yellow cup.

Each, 40c; per dozen, \$4.00

MICHIGAN. (Backhouse) Creamy-white, overlapping perianth, deep orange-red, straight cup, nice proportions, recommended.

Each, \$1.25; per dozen, \$12.50

PEDESTAL. (Crosfield) Large white perianth, yellow cup stained and margined red.

Each, \$1.00; per dozen, \$10.00

SIR WATKIN. One of the favorites among the chalice-cupped varieties. Perianth of pale sulphur yellow and cup of deep yellow. Largest of its class.

Each, 15c; per dozen, \$1.50; per 100, \$10.00

WILL SCARLET. (Engleheart) White star-shaped perianth, flat orange cup, petals slightly reflexed, attractive free-flowering, fine for rock gardens.

Each, 35c; per dozen, \$3.50

BARRII TYPES

Following is a good range of all the best novelties of the beautiful Barrii types and as well the choice varieties of medium price. All are free-flowering, of sturdy habit, multiply rapidly, can be left undisturbed for years, and make a very valuable garden asset:

ALBATROSS. (Engleheart) Large white perianth with frilled citron cup edged red, long stems.

Each, 25c; per dozen, \$2.50

ALCIDA. (Backhouse) Star-shaped, creamy-white perianth, flat, pale-yellow cup edged orange. A superb free-flowering variety of good form and substance.

Each, \$7.00

BRILLIANTY. (Engleheart) Sulphur-yellow star-shaped perianth, lemon-yellow cup edged red.

Each, 60c; per dozen, \$6.00

DIANA KASNER. (Backhouse) Pure-white perianth, overlapping, yellow cup edged red, good forcing. Magnificent free-flowering novelty of rare beauty.
Each, \$3.50; per dozen, \$35.00

DOSORIS. (Williams) Broad overlapping perianth, pure white, cup orange-red, flat and frilled.
Each, 35c; per dozen, \$3.50

EARLY SURPRISE. (Polman-Mooy) Perianth creamy-white, cup edged orange, handsome flower, extra for forcing.
Each, 25c; per dozen, \$2.50

FIRETAIL. (Crosfield) Creamy-white, broad and overlapping perianth, cup edged orange-red, nicely frilled. Very attractive, of fine form and substance.
Each, \$3.00; per dozen, \$30.00

LADY MOORE. (Polman-Mooy) Creamy-white perianth, cup yellow with narrow red edge, extra for forcing.
Each, 40c; per dozen, \$4.00

MRS. BARCLAY. (Polman-Mooy) Creamy-white overlapping perianth, cup yellow edged red, very showy.
Each, \$3.00; per dozen, \$30.00

LEEDSII DAFFODILS

It is in the Leedsii class that the substance and improved form of the newer hybrids is perhaps most evident. Every flower-lover finds appeal in the pure-white star-shaped perianth and the delicately-tinted cup. All the members of the Leedsii group make a very effective display and are unsurpassed for cut flowers:

GRAND CANYON. (de Graaff) Creamy-white star-shaped perianth, straight pale-lemon cup, nicely frilled.
Each, \$2.00; per dozen, \$20.00

HERA. (de Graaff) White, overlapping perianth, pale-yellow cup with darker edge.
Each, 60c; per dozen, \$6.00

LAUGHING WATER. (Cartwright & Goodwin) Beautiful large white perianth, white cup, very floriferous.
Each, \$1.25; per dozen, \$12.50

LORD KITCHENER. (Backhouse) Pure-white perianth, lemon-yellow cup, good form and substance.
Each, 35c; per dozen, \$3.50

LOUIS CAPET. (de Graaff) Creamy-white overlapping perianth, lemon cup.
Each, \$2.00; per dozen, \$20.00

MRS. NETTE O'MELVENY. (Backhouse) Pure-white overlapping perianth, small cup with orange edge. Very attractive novelty. Recommended.
Each, \$5.00

SILVER STAR. (Backhouse) Pure-white star-shaped perianth, light-yellow cup, fine form and substance. Recommended.
Each, \$1.00; per dozen, \$10.00

TRIANDRUS HYBRIDS

Characterized by their sturdiness and free-flowering qualities, these varieties are especially recommended for larger rock gardens as well as naturalizing. The pure-white flower clusters contrast charmingly against the dark-green foliage:

MOONSHINE. (de Graaff) Perianth and cup creamy white, star-shaped. Very attractive rock plant.
Each, \$2.00; per dozen, \$20.00

MRS. ALFRED PEARSON. (Tridymus) A beautiful new hybrid of Leedsii X Polyanthus bearing a cluster of Leedsii-like flowers. White perianth, pale-primrose cup.
Each, \$2.00; per dozen, \$20.00

JONQUILLA AND JONQUIL HYBRIDS

In this group, to which we particularly draw attention, are some very fine and little-known varieties nicely suited for cut flowers as well as general garden purposes. They flower early, the clusters of small blooms have a delicious scent, and are of wonderfully rich coloring and great substance. All have good stems:



Diana Kasner
Magnificent New Barrii Type

BUTTERCUP. (Engleheart) Golden-yellow overlapping perianth, straight yellow cup, 5 to 8 flowers per stem.
Each, 35c; per dozen, \$3.50

LADY HILLINGDON. (de Graaff) Buttercup-yellow, free-flowering.
Each, \$1.00; per dozen, \$10.00

WHITE WEDGEWOOD. (de Graaff) Creamy-white star-shaped perianth, cup cream-colored. Unique flower of fine form and substance, highly recommended.
Each, \$3.00; per dozen, \$30.00

POLYANTHA NARCISSI

GRAND MONARCH. A grand flower. White perianth with lemon-yellow cup. Ten or more blossoms ordinarily borne on each stem.
Each, 10c; per dozen, \$1.00

JOCONDE. A Narcissus novelty for California gardens and one sure to find favor. The well-formed flowers are very large, with pale yellow perianth and rich golden yellow cup, and produced in heads of 4 or 5 on long stems.
Each, 35c; per dozen, \$3.50

RIVERA BEAUTY. (H. & S.) A sensational novelty. Of the cluster-flowered type but a remarkable improvement on the older polyanthus forms in that the individual blossoms are much larger and the edges of the petals incline to be fluted. The enormous flowers, creamy white with primrose-yellow cup, are borne in bunches of 8 to 12 on exceptionally long stems and have a delicious fragrance. Especially desirable for cutting. This impressive new Daffodil has proved itself one of the best we know. Bulbs of mammoth size.
Each, 35c; per dozen, \$3.50

DOUBLE DAFFODILS

Recently a number of famous hybridizers have come out with startling new and different doubles, the best of which are here listed. Necessarily stocks are still very scarce and we are fortunate in being able to offer them. They have attracted world attention for show purposes:

ARGENT. (Engleheart) Creamy-white and lemon-yellow petals, free-flowering.
Each, 35c; per dozen, \$3.50

THE PEARL. (Zeestraaten) Creamy-white, very attractive.
Each, 35c; per dozen, \$3.50

TWINK. (de Graaff) Creamy-yellow and orange,

semi-double, very attractive, fine substance, long stems, very early and exceptionally good forcer.

Each, \$3.00; per dozen, \$30.00

POETAZ NARCISSI

This type has never been accorded the American recognition it deserves. The greatest merit of these hybrids is in the fact that all will force easily and flower freely from small bulbs. This, together with the attractive coloring and rich fragrance, has made them popular in Europe. There is none better for indoor culture in pots, bowls or flats, though there is no question of their hardiness outdoors:

ASPASIA. (van der Schoot) Pure-white perianth, yellow cup, true poeticus form, fine long stems.

Each, 20c; per dozen, \$2.00

DUPLEX. Soft-yellow perianth, dark-yellow cup.

Each, 20c; per dozen, \$2.00

"CHINKERICHEE"

BEAUTIFUL ORNITHOGALUM

This snow-white flower with glistening black eye, or center, is more commonly known in this country as Star of Bethlehem and the euphonious sobriquet in the headline comes from South Africa, where it is a native and extensively cultivated. It is a lovely subject either in the open ground or pots, thrives with ordinary care, is daintily fragrant and yields profusely, sending up tall spikes bearing splendid heads of bright star-like blooms.

For cutting purposes the "Chinkerichee" is unique and something of a marvel, being accredited with remarkable lasting properties. Attesting these fresh-keeping qualities is the fact that immense quantities of the blossoms are shipped in bud form from Cape Town to England. After three weeks in transit they reach their destination just ready to open out and frequently are kept in vases three months, crisp, sweet and charmingly decorative!

Removed from the shipping boxes and brought to the light the buds open naturally and in succession from the lowest upwards to the tip, making a delightful show for many weeks.

We predict that as these characteristics become known this flower's popularity will greatly increase. Should make most acceptable springtime gifts to send from Southern California to friends in the East. The "Chinkerichee" we offer is the *Ornithogalum arabicum*, regarded as the best of the numerous varieties; and the bulbs, grown at Rivera, are large and perfect.

Per dozen, 75c; per 100, \$5.00

CRINUM

MAGNIFICENT VARIETIES

KUNTHIANUM. A beautiful bulbous plant from New Granada, bearing large umbels of lily-like flowers. Individual blossoms are 3 to 4 inches in diameter. The ground color is white with a bar of rosy red down the center of each petal. This scarce and desirable species will prove of great value in sub-tropical gardening.

Each, \$1.00

POWELLII, Variety Album. A lovely pure white Crinum bearing a profusion of lily-like blossoms in large umbels on stems 3 to 4 feet high. The bulbs produce several spikes during the season. We had a large block of this variety at our Rivera Trial Grounds during the past season. A bed in bloom reminds one of the Easter Lily. Both this and the variety noted above make splendid tub plants and may be used for the adornment of porches, conservatories, etc. In temperate climates they may be planted in the open ground and allowed to remain undisturbed for several seasons. Each, \$1.00

DUTCH IRIS

A GROUP OF FINE KINDS

Because it makes its appearance several weeks ahead of the Spanish member of the Iris family the Dutch type fills a distinct niche as an essential bulb in gardens where a showing well in advance is desired. If planted by the end of November these Dutch beauties will bloom very early in the spring. Besides being attractive for bedding they are highly useful for cut flowers, having excellent keeping substance and long stems. Made up almost exclusively of varieties new to Southern California and embracing a quite complete color range, our list this season is exceptionally good, special pains having been taken by us in making a selection of the best sorts.

A. BLOEMAARD. Standards of dark purplish blue and falls a lighter blue.

ADRIAN BACHER. Flowers a uniform purple lilac, a very beautiful shade.

D. HARING. White tinted lilac, large but dainty flowers on tall stems.

E. B. GARNIER. An improved Imperator. Standards and falls a fine deep blue.

HUCHTENBERG. Light blue standards with bright orange yellow falls.

IMPERATOR. True blue. Has a place all its own in the Iris world and should be included in all bulbous Iris plantings.

THERESE VAN DUYLL-SCHWARTZE. Standards of pale cornflower blue and falls purest white with a very narrow orange stripe. Interesting and lovely.

TH. WYCK. Standards and falls alike a uniform tone of cornflower blue except for a thin orange stripe on the falls.

YELLOW QUEEN. Finest of all Dutch Iris of this color. The standards are light yellow and the falls a rich golden yellow.

Bulbs of any of the above,

Per dozen, \$1.50; per 100, \$10.00

FREESIAS

Spring-flowering bulbs useful both for pot culture for indoor decorative purposes and open-ground planting for borders, beds or cutting. Among the most refreshing and sweet-scented of the early bloomers. We offer a choice strain of the largest-flowering type in first-class bulbs.

To meet the increased demand for Freesias in separate colors, we are listing several choice named sorts in a wide range. This permits the selection of hues best suited to the color scheme desired either in the home or garden.

AMETHYST. Fine amethyst blue.

Per dozen, 75c; per 100, \$5.00

CALIFORNIA. Pure golden yellow. Large flowers on long stems. An exceptionally fine sort

Per dozen, 75c; per 100, \$5.00

CARMENCITA. Light orange salmon. Lower petals blue with buff shadings.

Per dozen, 75c; per 100, \$5.00

GENERAL PERSHING. Pink and yellow suffused with bronze.

Per dozen, 50c; per 100, \$3.50

OLIVETTE. Bright carmine red with yellow throat.

Per dozen, 75c; per 100, \$5.00

PURITY. Pure white, sweetly scented flowers.

Per dozen, 35c; per 100, \$3.50

CALIFORNIA RAINBOW MIXTURE. Hues of yellow, rose, lilac, lavender and purple—a comprehensive range.

Per dozen, 50c; per 100, \$3.50

Gladiolus

UE to its surpassing effectiveness as a garden decorative flower and its delicate, lasting beauty as a subject for cutting the Gladiolus easily holds a first place among the most popular spring, summer and autumn-blooming bulbous plants. By setting out the bulbs at intervals from fall to spring and even as late as August a succession of handsome spikes of blossoms may be obtained during a long period and you can have them to grace your Christmas table. They are readily grown in any good soil, where the bulbs should be planted 3 or 4 inches below the surface and 6 to 8 inches apart. Copious supplies of water are essential during their growing period. We offer the choicest varieties to give a glorious range of colors and combinations of colors. There are many places about the home grounds where these hardy, free-flowering and showy plants will give brilliant and pleasing results.

FOREST FIRE. The most dazzling Gladiolus ever brought out—a scarlet so brilliant that it appears fiery as golden flame, at once suggesting an intense blaze, hence the name. This Howard & Smith production created a sensation when introduced last year and continues to attract the keenest interest and admiration. The spikes of bloom are of medium height, the individual flowers well formed and of fine size, a number open at a time. Equally excellent for bedding or cutting purposes.
Each, 35c; per dozen, \$3.50

ALICE TIPLADY. Orange-salmon and flame-pink, a shade of great beauty and appeal. Graceful spikes of charming flowers—a hybrid of the airy Primulinus class and a new Gladiolus of merit.

Each, 10c; per dozen, 75c; per 100, \$5.00

AMERICA. An exquisite shade of lavender-pink. Very large blossoms, 8 to 10 fully expanded on a spike at a time.

Each, 10c; per dozen, 75c; per 100, \$5.00

E. J. SHAYLOR. Ruffled petals, a deep, rich-rose color. Grows vigorously and produces a tall stem bearing many open flowers at one time.

Each, 10c; per dozen, 75c; per 100, \$5.00

GRETCHEN ZANG. Clear, soft salmon-pink, blending to scarlet on lower petals. One of the most attractive sorts.

Each, 10c; per dozen, \$1.00; per 100, \$7.50

JACK LONDON. Light-salmon striped vermillion, an unusual effect and very pretty. Splendid flowers borne on particularly-tall spikes that make a bright showing outdoors or in.

Each, 15c; per dozen, \$1.50; per 100, \$10.00

LOS ANGELES. This comparatively-new variety is among the best for cutting. Shrimp-pink tinted orange-gold. A glorious California production and perhaps the nearest to ever-blooming yet developed.

Each, 10c; per dozen, \$1.00; per 100, \$7.50

MAIDEN'S BLUSH. A tall-growing sort of the Primulinus type producing elegant spikes of dainty flowers, soft peach-blush pink.

Each, 10c; per dozen, 75c; per 100, \$5.00

MRS. FRANK PENDLETON. Immense flowers with ground color of rosy-pink, shading lighter at the edges, and the throat beautifully blotched deep-crimson and maroon, with pencillings of scarlet reaching outward. Vigorous plants, strong stems, and fine for cutting.

Each, 10c; per dozen, 75c; per 100, \$5.00

ORANGE QUEEN. Of distinct and striking beauty. The color is like sunset, a blending of old-gold and copper. Produces strong, thin stalks of medium length with handsome individual flowers gracefully placed. Ideal for cutting. One of the finest high-colored Gladioli yet introduced.

Each, 15c; per dozen, \$1.50; per 100, \$10.00

PRINCE OF WALES. Early-flowering, with well-placed blossoms of superb size. A delicate shade of apricot-pink overlaid with salmon. Fine.

Each, 10c; per dozen, 75c; per 100, \$5.00

ROSE ASH. Extraordinary in coloring—Corinthian red shading to ashes-of-roses, with the lower petals

shaded yellow. Alone in a peculiar beauty class that appeals to everyone.

Each, 10c; per dozen, \$1.00; per 100, \$7.50

SALMONEA. Large individual flowers elegantly disposed on great spikes, especially good for cutting. A delightful salmon shade.

Each, 10c; per dozen, 75c; per 100, \$5.00

SOUVENIR. Pure golden-yellow, a gem in its color field. Free-flowering, tall and graceful—a Primulinus hybrid. Makes a rich display.

Each, 10c; per dozen, \$1.00; per 100, \$7.50

SPHINX. Deep-rose shade with the throat blotched dark, an effect quite distinct from any other kind. An effective color in splendid spikes of bloom.

Each, 10c; per dozen, 75c; per 100, \$5.00

VIRGINIA. Rich, glowing crimson-scarlet. Large, full open flowers of intense brilliance. A grand older variety either for garden decoration or cutting.

Each, 10c; per dozen, 50c; per 100, \$4.00

H. & S. SPECIAL MIXED. This heading includes a comprehensive assortment of the superior named varieties in a wide range of hues to make a telling display where no particular color scheme is desired. We do not believe that a better mixture can be procured anywhere. Much pleasure is to be derived from watching the different sorts come into flower. The bulbs are extra selected and will give full satisfaction in results.

Per dozen, 50c; per 100, \$4.00

H. & S. PRIMULINUS HYBRIDS, Mixed. This dainty class of Gladioli, with flowers of orchid-like nature, was obtained by crossing the original African species Primulinus with those of the older varieties. The blossoms are beautifully placed on slender, wiry stems, and their range of colors differs from the larger-flowered types, being rich in shades of golden-bronze, apricot, shell-pink, brilliant orange, etc. Strong flowering bulbs.

Per dozen, 50c; per 100, \$4.00

Many Blooms of Forest Fire on Spikes Five Feet Tall

The high quality of H. & S. bulbs and the special merits of one of our sensational recent productions are attested by the following letter, an example of the many constantly received by us from thoroughly satisfied customers:

HOWARD & SMITH,
Montebello, Calif.

Dear sirs: The gladiolus I purchased from you last spring were all wonderful, but the Forest Fire was the grandest Glad. I have ever seen.

The spikes were from 58 to 60 inches tall, with 22 to 24 blooms to the spike.

Please send me two dozen more of the Forest Fire by return mail, and oblige,

Yours truly,
(Signed) V. L. SUTLIFF.
1062 Spence Street.

HYACINTHS

FINEST DUTCH VARIETIES

Several highly-interesting and meritorious new Dutch Hyacinths have been developed and in keeping with our policy of offering the latest novelties we have this season added to our bulb list the five finest recent introductions. Each of these represents a new color tone. We have retained in our importations from Holland the best older ones—all reliable giant-flowering sorts that have proven their adaptability to the climatic conditions of the Southwest.

Heretofore Western bulb houses have offered extra first-size Hyacinth bulbs, which in reality are second size; and while these give good results we have had such insistent demand for the very largest, or exhibition size, that we have decided to carry no other, hence the prices here quoted are for that grade—the acme of quality.

Favorites from time immemorial, these delightful old-fashioned flowers continue to gain in popularity for the garden, formal beds and borders, as well as for growing in pots and glasses. Aside from their beauty in various colors they provide gorgeous, much-needed blues, and give out a peculiarly sweet scent.

CHOICE NOVELTY HYACINTHS

DUKE OF WESTMINSTER. Large purplish-blue bells with contrasting white centers. Very distinctive.

IVANHOE. Large velvety-black florets carried on a full spike. Extra fine.

KING OF THE LILACS. A superior variety of the purest lilac.

PRIDE OF HOLLAND. Bright porcelain-blue florets on a large pyramidal spike.

PRINCE HENRY. The clearest pure yellow.
Any of the above. Each, 35c; per dozen, \$3.50

HYACINTHS—GENERAL LIST

GERTRUDE. Large, compact spikes of rich rose-pink.

GRAND MAITRE. Deep lavender-blue. Large truss with a very dark stem.

KING OF THE BLUES. The ever-popular dark blue variety.

LADY DERBY. Large individual bells of rose-pink in long, elegantly-built trusses.

LA VICTOIRE. Best of all the red sorts; very brilliant.

L'INNOCENCE. Fine pure white. Florets large, borne on strong trusses.

LORD BALFOUR. Mauve-lilac tinged violet. Immense individual florets or bells.

PERLE BRILLIANTE. Large flowers of pale blue.

QUEEN OF THE PINKS. Immense spikes of good-sized bells. Lovely pink.

YELLOW HAMMER. Beautiful truss of pure yellow.
Any of the above. Each, 25c; per dozen, \$2.50

DUTCH (Miniature) HYACINTH

This is a novelty in America, where it has fully demonstrated its splendid qualities. Propagated by us at the Rivera Nursery the past several years, we offered it for the first time last season. It met with an unusual demand and every report received was highly commendatory. The plants grow as tall as the general Dutch varieties but the flowers are slightly smaller, longer stemmed, not so compact on the spikes, less coarse and more graceful, with a delightful fragrance. Ideal for flowering in pots and especially good for cutting purposes. Blossoms snowy white.
Each, 20c; per dozen, \$2.00

FRENCH-ROMAN HYACINTHS

White, early-flowering and extremely dainty and fragrant. Good full spikes of bloom. Our own Rivera-grown bulbs. Each, 15c; per dozen, \$1.25

Culture: Hyacinths should have a light, well-drained, rich soil, spaded to a depth of a foot or more. Plant the bulbs 6 to 8 inches apart and the crown 4 or 5 inches below the surface. Covering the bed with an inch or two of well-rotted manure will insure far better results. For winter blooming in pots store in a dark, cool place, such as a basement, keeping the soil moderately moist until the leaves emerge several inches. Upon bringing them out of the darkness protect from too strong light. To grow in glasses: Fill with soft, clear water barely to touch the base of the bulb, putting a small piece of charcoal in each glass to keep it sweet. Should then be put in a cool, dark place, brought out when the roots almost reach the bottom, and gradually exposed to the light and partial sun. Dark paper around the glass will prove beneficial.

ISMENE (Peruvian Daffodil)

CALATHINA GRANDIFLORA. A charming Peruvian bulbous plant that is a very free bloomer and especially adapted to the warmer climates, doing particularly well in Southern California. The flowers are large, highly scented, white as the driven snow and adorned with greenish bands in the base of the throat. The edges of the blossoms have an irregular fringed outline which greatly enhances their beauty. These exotic subjects present a distinctly tropical effect. Each, 25c; per dozen, \$2.50

LEUCOJUM VERNUM

(SPRING SNOWFLAKES)

An admirable bulbous subject for naturalizing, quickly establishing itself and coming out more generously each succeeding spring. It blooms very early in the season and makes an enchanting display of pendant, bell-shaped flowers, white daintily tipped or rimmed with green. Not only are the blossoms attractive in the garden but desirable for cutting, lasting well and harmonizing anywhere.

Stalks grow strong and erect to a height of 8 inches or more and from each hang perhaps half a dozen of the pretty "flakes." Similar in general appearance to the Lily-of-the-Valley, but the drooping bells are three times as large. Leucojum Vernum has not been given the attention it deserves as a Southern California garden subject that is sure to give satisfactory results.

Per dozen, 75c; per 100, \$5.00

LILY-OF-THE-VALLEY

A GEM FOR FORCING

One of the sweetest and most delicate of flowers, the Lily-of-the-Valley seems to be especially adapted for forcing and makes a beautiful showing of fragrant blossoms. We recommend it for this purpose. In the dry climate of the Southwest it is not always a success outdoors, but will do fairly well in a damp, shady north border or the open spaces of the fernery, bloom moderately, and increase from season to season. Strong pips for fall planting.

Per dozen, \$1.50; per 100, \$10.00

STERNBERGIA LUTEA

Among the brightest and most exquisitely-colored flowers in cultivation. The bulbous plant blooms during August and September—great quantities of golden yellow blossoms similar in shape to a large Crocus, on long, slender stems. Making a beautiful foil for blossoms is the long and linear light-green foliage. Bulbs should be planted in November or December for flowering the following year. Left to themselves they increase rapidly and bloom more profusely season after season.

Each, 20c; per dozen, \$2.00

Howard Smith

Lilies of the Orient

WITH their exquisite fragrance, symbolic purity and rare beauty, these exotic Lilies have often been characterized as the world's sweetest flowers; a claim to distinction for which it would be no easy matter to find a rival. In addition to their dainty attractiveness, and quite contrary to an apparently prevalent impression, they possess the virtue of being easily grown, hence no garden or herbaceous border affording a semi-shaded location should be without them.

A generous planting of the different varieties, all extremely fine, under trees, in fern beds or nooks protected from the hot sun, will give an atmosphere of charm and elegance that no other subject can. (Lilium Candidum and Lilium Regale do not necessarily require shade.) The giant blossoms will rear their glorious forms on stems 3 to 5 or 6 feet tall during June and July. These Lilies will establish themselves and increase in size and beauty year after year, with longer spikes and more blooms to each—ever a new source of spring-time joy. The chaste loveliness of Lilies is something beyond compare.

LILIUM AURATUM.

Known as the Golden-banded Lily of Japan and considered one of the best. Its flowers, large, graceful and fragrant, are composed of six delicate ivory-white petals thickly studded with chocolate-crimson spots, and striped or rayed golden-yellow through the center. Blossoms are often 7 to 9 inches across and strikingly beautiful, with dark-green, glossy foliage.

Per dozen, \$3.50; per 100, \$27.50

LILIUM CANDIDUM.

Usually referred to as the Madonna or Annunciation Lily. Of the purest white and utmost gracefulness, this is a favorite wherever known. It is of easy culture and once planted increases in vigor and beauty each succeeding year. At home in bright sunshine or shade.

Per dozen, \$3.50; per 100, \$27.50

LILIUM MAGNIFICUM.

Large flowers, truly magnificent in every respect, ivory-white suffused rosy-crimson. An extra-fine sort and the only one of this peculiarly attractive color blending. A highly satisfactory kind. Per dozen, \$3.50; per 100, \$27.50

LILIUM MELPOMENE.

Differs from Magnificum in that the blooms are a glorious shade of purple-crimson. Fully equal to any of the others for distinctive coloring and appeal and therefore requisite in the collection.

Per dozen, \$3.50; per 100, \$27.50

LILIUM REGALE.

A North China variety of recent introduction that has proven to be one of the most valuable acquisitions in many years to the list of bulbous plants. It is one of the grandest Lilies ever brought to this country and a garden gem for the millions, being grown with the greatest ease. Lilium Regale does well in soils of diverse nature, full sun or partial shade, and will thrive and bloom in every State in the Union, adapting itself to all climatic conditions, rigorous or mild. The bulbs retain their vitality and increase in strength season after season, which makes it an especially valuable subject for naturalizing in beds and borders.

In size and form the flower is similar to the well known Easter Lily but differs entirely in color. The throat at its base is a wonderful shade of golden yellow, which merges gradually to pure white in the upper sections of the petals. The reverse of the petals is a distinct shade of golden bronze. As high as 12 to 20 flowers come on a single spike from large-size bulbs. The blossoms are intensely fragrant. One spike will diffuse a wondrous perfume through an entire room. Although powerful, its nature is decidedly pleasant and refreshing. Per dozen, \$3.50; per 100, \$27.50

Culture: Plant the bulb so that the crown is not less than six or eight inches below the surface. If the soil is of heavy nature, some well-decomposed leaf mold dug into the beds will prove very beneficial. A trowelful of clean, sharp sand placed under the bulb at the bottom of the hole will provide good drainage and induce quick root action. Keep evenly moist.

LILIUM GIGANTEUM

FINE FORCING BULBS

This is the beautiful Easter Lily, the true black-stemmed variety with pure-white blooms; and because of its universal popularity in and out of season we are this year offering specially-selected bulbs of the largest size for pot forcing in the greenhouse. These are the very choicest obtainable—supreme bulbs that should throw a profusion of enormous flowers of the most admirable form and scent.

Each, 50c; per dozen, \$5.00

RANUNCULUS

GIANTS OF MONTEBELLO

The Ranunculus, because of its lavishness of splendor and lasting colors and elegance of form, stands out alone among all the spring-flowering bulbs that enrich our gardens with their beauty. A very early bloomer, dainty yet extremely showy.

Since it was our firm that popularized the Ranunculus in Southern California more than a score of years ago we feel a pardonable pride and special interest in the subject. Originally we imported the best varieties obtainable in Europe and have devoted our efforts ever since to the bringing out of a superior strain. Through unceasing hybridization and selection success is ours and we can unqualifiedly state that the strain we have developed is the best in existence. We refer to the new Giants of Montebello.

These are featured by very double flowers, far larger than those of any other strain, and borne in great profusion on long, wiry stems. Arrayed in so many colors that they cannot be designated—rich crimson, dazzling scarlet, soft pink, orange, amber, yellow and pure gold predominating. All the red shades, all the yellow shades and every imaginable intervening tone and combination distinguish the Giants of Montebello.

Per dozen, 75c; per 100, \$5.00

Culture: Ranunculus should be planted from October to December. They are sun lovers and need good drainage. Space about 8 inches apart and cover with 1½ inches of soil. Soak the bulbs in water from two to three hours before planting. Be sure to set with the prongs down. The ground should contain only a minimum of fertilizer, and they should be fertilized but lightly during the growing period.

Prompt Mail-Order Service

We have a large and efficient Mailing Department occupying an entire wing of the new Administration Building at the Montebello Nurseries, our stocks of choice flower seeds are complete; and your order, no matter how small or how large, will be given thorough attention and the purchase usually forwarded the day it is received. Dispatch, accuracy and quality characterize Howard & Smith mail-order service.

Montbretias

We consider these new giant-flowered types one of the most noteworthy additions of many years to the list of bulbous plants. They fairly eclipse the older types common in gardens everywhere and are beautiful as outdoor subjects and very valuable for cutting purposes.

The blossoms on the marvelous novelties offered below are immense, attaining a diameter of 3 to 4 inches, with broad, overlapping petals beautifully poised in spray-like formation on gracefully arched spikes 3 to 4 feet high. Foliage is long and glossy, dark-green, Gladiolus-like in shape, but narrower, and forms a beautiful foil to the splendid spikes of bloom.

The bulbs increase rapidly and soon form large clumps which with the advent of the autumn months present a glorious sheet of color. You may think us over-enthusiastic regarding these Montbretias, but we can assure you that had you been able to see the reaches of bloom and the beauty of the mass effect they showed at our trials the past season, you would agree with us that we have not said enough.

For 30 years it has been our policy to send out novelties of proven merit only, a policy which has gained for this firm an enviable position, and in recommending these lovely new Montbretias we are directing your attention to one of the most meritorious novelties of recent times. We are sure that when you flower them in your garden you will concur in our opinion. We offer for immediate delivery three magnificent sorts. Others will follow as stock permits:

HIS MAJESTY. A glorious free-flowering variety which produces on established clumps a veritable sheaf of flower spikes. One of the tallest of all, reaching a height of 4 feet and bearing blossoms 3 to 4 inches across, and a large number of each on gracefully-arranged branching spikes. The center of the bloom is deep golden yellow, shading and deepening to brilliant crimson scarlet at the outer portion of the petals.

QUEEN ALEXANDRA. A very vigorous growing variety throwing quantities of strong spikes 3 to 4 feet high. These are well furnished with an abundance of very large, perfectly formed flowers of rich glistening orange, spotted purple crimson at the base.

New Glories for Garden and Vase



Una, a Splendid Example of the Latest and Best Strain of Montbretias, the Giant-Flowered English Hybrids.

Howard Smith

UNA. This is a gem. Plants bushy and compact. Leaves long and linear. Flower stems about 3 feet high, bearing masses of pure orange-colored blooms, with reverse of the petals a high-colored shade of crimson-bronze. For mass effect in the herbaceous border this new variety is of unquestioned merit.

Price of any of the above Montbretias: Each, 35c; 3 bulbs (one of each variety), \$1.00; 12 bulbs (4 of each variety), \$3.50.

Culture: Montbretias require about the same treatment as Gladioli and will thrive under similar conditions. The clumps should be divided and re-set every second year. In cold sections of the country a heavy litter of leaves or mats should be placed over them for protection. In climates such as California no protection is necessary. The clumps increase in beauty and size season after season. They are easily grown in any good garden soil which has been enriched with well-rotted manure or given a liberal dressing of leaf mold.

WATSONIAS—NEW

HERMINE ONDERKE. A lovely shade of pure salmon cerise. Quite a new color in Watsonias and although there have been many approaching this shade, it is the best variety which has come to our notice to date. Flowers exceedingly large, with broad petals and many open on the spike at the same time. **Each, 50c; per dozen, \$5.00**

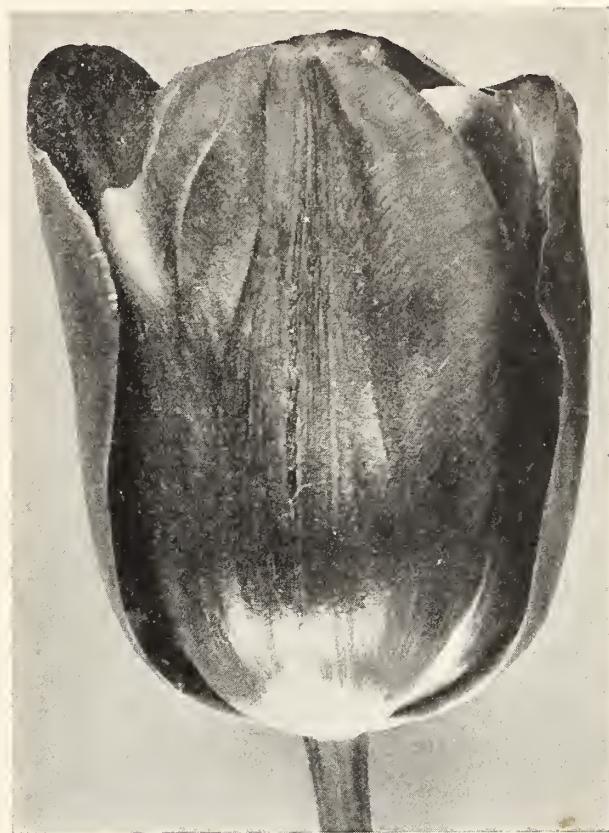
SAN DIEGO. A distinct and novel shade. Color, pure orange scarlet. This is an outstanding novelty. A grand variety for cut flower purposes and a brilliant effect when planted in clumps in the garden.

Each, 50c; per dozen, \$5.00

CARLSBAD. A pure, even shade of salmon rose. Individual blossoms of very large size, borne on splendid spikes. One of the loveliest colors in these new hybrids and a worthy addition to any garden.

Each, 50c; per dozen, \$5.00

SPECIAL OFFER: One each of the above magnificent new Watsonias for \$1.00, postpaid to any address.



City of Haarlem, a Majestic Darwin Tulip

Tulips

NOVELTIES AND FAVORITES

WITH the object of finding the best Tulips and discarding the others we began exhaustive tests at our Rivera Trial Grounds years ago of the most promising importations from Holland. In this way we were enabled to determine to our own satisfaction and in the interest of our customers the varieties deserving of commendation and to catalogue only such as proved themselves possessed of special merit; and as a result home growers may be spared both expense and disappointment. This season we have added a number of varieties that measure up to our standard of excellence.

In this list, while offering the most representative and satisfactory kinds, those that have been fully tried by us and found best adapted to the soil and climatic conditions of the Southwest, we are endeavoring also to cover the full color range. Instead of confusing our clientele with the hundreds of varieties that might be designated we have taken the utmost pains to present the particular ones that have shown themselves suited in every way to meet the situation in the Southland. None that is especially desirable has been sacrificed in doing this. We pass the benefit of our experience with them on to you.

Prices quoted are for genuine mother bulbs of first quality, the highest grade and largest size coming out of Holland. There is no better stock obtainable anywhere at any cost.

BREEDER VARIETIES

ABD-EL-KADER. A real golden bronze, lightly flushed lavender violet. Inside is golden brown with an olive green base. When grown under glass, Abd-el-Kader becomes an unique shade of olive-bronze. **Per dozen, \$1.50; per 100, \$10.00**

LOUIS XIV. Without a doubt one of the grandest of Tulips. Rich bluish-purple flushed with golden-bronze at the edge of the petals. The large goblet-shaped flowers are delightfully fragrant and are borne on tall stout stems. **Per dozen, \$1.50; per 100, \$10.00**

LUCIFER. A fiery terra-cotta with rosy bloom. Interior of the flower is fiery orange with a yellow

base. The flowers are large, well formed, and the stems are excellent.

Per dozen, \$1.75; per 100, \$12.50

MADRAS. Dark violet-bronze and old gold. Inside mahogany-bronze. **Per dozen, \$1.00; per 100, \$6.50**

HYBRID TULIPS

AVIS KENNICKOTT. Is of rare charm and grace. The large flowers are bright chrome yellow with contrasting black base and anthers. They are slender with pointed petals and are carried on strong stems. **Per dozen, \$1.50; per 100, \$10.00**

MOONLIGHT. The most popular pale yellow Tulip and undoubtedly the best both for garden and

PARROT TULIP

FANTASY. This remarkable recent introduction remains one of the main sensations of the Tulip world, and those who have grown or seen it are profuse in their expressions of admiration. It is an astonishing development, the fantastically laciniated petals of the enormous flower resembling the crest of a cockatoo. The outside of the blossom is soft rose overlaid or rather encrusted apple-green, while the interior is the rich, glowing rose of Clara Butt, the Darwin Tulip from which the novelty was derived. A variety that is of special interest in any collection, large or small.

Each, \$1.25; per dozen, \$13.00

greenhouse forcing. Very long finely shaped flowers with pointed petals, borne on very tall stems. Usually the first Tulip to bloom in California, being preceded only by the species Tulip Greigii.

Per dozen, \$1.00; per 100, \$6.00

MRS. MOON. Pointed, slightly recurving petals of bright golden-yellow. The flowers are carried on good, strong stems. Mrs. Moon is one of the best yellow Tulips for either bedding or forcing purposes.

Per dozen, \$1.25; per 100, \$8.00

DARWIN TULIPS

ANTON MAUVE. An enormous flower of bluish lilac, passing to pale lilac at the edge of the petal. A tall grower with excellent stems.

Per dozen, \$1.50; per 100, \$11.00

BARONNE DE LA TONNAYE. Vivid rose pink. One of the best known pink Darwins. Very fine.

Per dozen, \$1.00; per 100, \$6.00

CHERRY BLOSSOM. A new soft-rose sport of that grand old Darwin, Pride of Haarlem. Since it is similar in all respects except color to its illustrious parent no lengthy description is required to inform any Tulip-lover of its merit. We have been fortunate in securing a limited stock of this fine novelty for 1930 planting.

Per dozen, \$2.00; per 100, \$15.00

CITY OF HAARLEM. We know of no Tulip that has more attributes to commend it than this majestic sort. It is generally conceded to be the finest red Darwin in existence, and, we believe, will be one of the most popular of all Tulips in Southern California when better known here. The flowers are bright cardinal red based blue and white, and present the appearance of having been polished. They are immense, long petaled, and of great substance.

Per dozen, \$2.00; per 100, \$15.00

CLARA BUTT. This grand old variety needs no introduction. It is easily one of the best of all Tulips. Beautiful soft rose, of exquisite form, excellent stems and a good keeper.

Per dozen, \$1.00; per 100, \$6.00

FARNCOMBE SANDERS. Bright glowing scarlet with clear white base. Excellent either for bedding or forcing.

Per dozen, \$1.00; per 100, \$6.00

LA TULIPE NOIRE. The darkest of all Tulips—deep maroon-black. A large, handsome, showy flower, coming quite late.

Per dozen, \$1.25; per 100, \$8.00

MRS. POTTER PALMER. Velvety amaranth purple. A rich color and a wonderful Tulip.

Per dozen, \$1.25; per 100, \$7.50

PRIDE OF HAARLEM. Another old favorite. Very large bright cherry-red flowers which are sweetly scented.

Per dozen, \$1.00; per 100, \$6.00



Beautiful Lily-Flowering Tulip Sirene

REV. EW BANK. Heliotrope-lilac with pale edge. This variety, too, does equally well in the garden or under glass. Per dozen, \$1.00; per 100, \$6.00

LILY-FLOWERING TULIP

These lily-shaped flowers with their long, gracefully-reflexed pointed petals, present a form new to garden Tulips. They are the result of a cross between *Tulipa retroflexa*, a species Tulip, from which sort they derive their beautiful form, and Darwin Tulips, whence come their colors, habit of growth, blooming period, etc. They blossom an extremely long time and keep splendidly in water. They should, however, be permitted to completely expand before being cut.

SIRENE. Is perhaps the best example of the lily-flowering type. In this variety the petals are not only pointed, but undulated as well, and reflex as greatly as those of a Tigridia. When Sirene first opens it is a light pink over pale olive-green. Each succeeding day the color intensifies until it becomes the true pink of the well known Darwin Tulip Clara Butt.

Per dozen, \$1.00; per 100, \$6.50

Howard & Smith Nurseries

Our main Nurseries and Administration Building are in Montebello—1200 Beverly Boulevard, 30 minutes east from Broadway and downtown Los Angeles. Here an immense line of general stock is grown and carried. From this central location ready contact is maintained with our other important plants—the great Rose Fields at Puente, where we annually grow millions of strong bushes of the best varieties in existence, including the choicest novelties; and the extensive Trial and Proving Grounds at Rivera, where most of our bulbs and flower seeds are grown. Visitors are welcome daily and Sunday at our Montebello Nurseries.

Howard Smith

Perennial-Flowering Plants

And Beautiful Annuals Ready for the
Ground this Season

AGAPANTHUS

(BLUE LILY OF THE NILE)

UMBELLATUS. With their continual succession of stout flower stems crowned with fine umbels of rich deep-blue blossoms, well-grown clumps of Agapanthus of this variety are among the most constantly effective summer-blooming bulbous plants in the garden; and their usefulness is enhanced by the fact of their easy culture. They make a particularly attractive showing planted in lines, and are decorative as tub specimens. In case of preference we can supply Umbellatus Alba, which produces white flowers.

Each, 35c; per dozen, \$3.50

AQUILEGIA (Columbine)

IN RICHEST OF COLORINGS

Selection and reselection of flowers throughout a period of many years enables us to offer a strain of the lovely long-spurred type of Aquilegias that has no superior and probably not an equal. Their value for bedding, their beauty and grace for cutting and their hardiness and the ease with which they can be grown place the Columbines among the most useful herbaceous perennials. The stock we offer is unusually vigorous, making fine growth, and free-flowering, with stems rising 2 feet or more above the airy, dainty foliage.

BLUE KING. Most glorious of the blue shades and one of the latest to have been segregated. Immense blossoms of the true long-spurred type, wide-open cups and sepals. A color seldom found in flowers.

ROSE QUEEN. Similar to the above in all respects excepting the color, which is a lovely rose shade, exceptionally attractive in this class of plants.

SILVER QUEEN. Glistening silver-white and an admirable companion to the blue and rose varieties, with similar large and lasting flowers.

H. & S. PRIZE MIXED. A choice selection of our own hybrids in a wonderful range of colors. Contains all the charming tints, tones and combinations. Will appeal for use as cut-flowers where variety is desired.

Extra-strong field-grown clumps of any of the above, Each, 35c; per dozen, \$3.50. Sturdy young pot plants, Each, 20c; per dozen, \$2.00.

BEGONIA

FINE NEW KINDS

CHRISTMAS CHEER. A lovely large-flowered variety bearing blossoms up to 2 inches in diameter. Dark, crimson-scarlet. Unexcelled for bedding.

CHRISTMAS PINK. Delightful shade of warm rose-pink. In other respects the counterpart of and a fitting companion to the foregoing variety.

Each, 15c; per dozen, \$1.50

BOLTONIA

ASTEROIDES. A starry, dainty beauty and an excellent hardy herbaceous plant of the easiest culture that bears myriad tiny, daisy-like white flowers in clusters about August-September and is elegant for perennial borders or backgrounds. Grows 4 to 6

feet tall, stands without staking and is leafy and showy. Blossoms are on long, slender stems and the sprays splendid for cutting, more especially to mingle with heavier flowers in bouquets, producing a light, airy effect. Strong field divisions.

Each, 25c; per dozen, \$2.50

BLEEDING HEART

(DIELYTRA SPECTABILIS)

This old-fashioned favorite is admirably adapted to early pot forcing in the greenhouse and also may be planted in a shady location in the garden. Its beautiful fernlike foliage is surmounted by long racemes of graceful heart-shaped pink flowers. Strong clumps.

Each, 75c; per dozen, \$7.50

CALLAS

RICHARDIA AETHIOPICA. The Lily of the Nile, almost universally known and grown. White. Strong roots.

Each, 20c; per dozen, \$2.00

RICHARDIA ELLIOTTIANA. The Golden Calla, and best of the yellow varieties, with flowers as large as those of the white, but of a rich, deep, lustrous gold hue and of velvety texture. The foliage is dark green with translucent creamy-white spots that add to its beauty. Excellent for summer blooming.

Each, 35c; per dozen, \$3.50

CAMPANULA

TELHAM BEAUTY. A rare variety of recent introduction and the most beautiful and showy of all. The immense bell-shaped flowers are bright blue, 2 to 3 inches across, and borne in veritable sheaves, the stout stems, 2½ to 3 feet high, being lined with them. Splendid for rockery or border plantings, the foliage forming a dense, prostrate mass of dark green. Of perennial duration. Strong, sturdy plants from 4-inch pots.

Each, 25c; per dozen, \$2.50

CINERARIAS

WORLD-NOTED STRAIN

The H. & S. Prize Strain of Giant-Flowered Cinerarias has not only achieved distinction as the finest in America, but become internationally noted and set the standard throughout the world. The marvelous beauty of these immense flowers is so well known that detailed description is scarcely necessary. Blossoms 4 to 5 inches across are of common occurrence, the individual petals in many instances 1½ inch in width, and the immense trusses of bloom surmount bold foliage on dark-green plants of ideal form, low and compact.

Cinerarias are among the loveliest winter and spring bedding plants in California. Situations partially protected from the sun suit them best, and they will satisfactorily solve the problem of what to place in shady north borders. Rich soil, a liberal admixture of well-rotted manure in the beds, and copious watering during dry weather are requisites.

We offer exceptionally-good plants from 2½-inch

pots in the rare true-to-color Blue Shades, the rich Crimson-Carmine Shades, the beautiful Salmon Shades and the Prize Mixed, the latter including the above in pleasing proportions and innumerable colors not yet segregated.

Each, 20c; per dozen, \$2.00; per 100, \$15.00

COREOPSIS LANCEOLATA

The variety Grandiflora which we offer is a splendid plant for cut flower purposes. It is covered during the greater part of the year with quantities of blossoms two to three inches in diameter. The masses of double and semi-double golden-yellow blooms are conspicuous and decorative in the garden and always a welcome sight. For the perennial border this Coreopsis is a gem. Easy to grow. Fine, strong plants.

Each, 15c; per dozen, \$1.50

Each, \$2.50

Cyclamen

MAGNIFICENT NOVELTIES

WE devote special attention to these favorite winter-flowering bulbous plants and grow them in immense quantities. Our collection embraces magnificent novelties and the strains are among the finest in existence.

Though generally regarded as indoor-flowering pot subjects Cyclamens have at least equal value for planting in shady beds in the garden, where they will grow with great vigor and produce enormous quantities of bloom—this in climates where heavy freezing conditions do not obtain. In the open ground, protected from the sun, they will thrive for several years, the corms increasing in size; and they will make a grand showing in the dense shade of oak or other trees where very few subjects can succeed. The types we offer are giant-flowered, with blossoms of wonderful size and substance, and handsome ornamental foliage. They include some remarkable new shades in the following varieties:

DARK SALMON. Immense flowers of graceful form, a peculiarly-rich shade of dark salmon. The petals are broad and beautifully reflexed.

DIANA. Salmon-scarlet with carmine eye, a warm and effective color combination distinguishing a blossom of huge size and splendid form.

LEUCHTFEUER (Love's Flower). Orange-salmon, a fascinating shade quite different from the color of any other Cyclamen, in a bloom of perfection.

PEARL OF ZEHLENDORF, Rococo type, fringed. Extremely large flowers with petals deeply notched and dentate. Instead of being reflexed as in the ordinary type the blossoms are more or less flat and spreading. This strain is choice and unique. A pure, silvery salmon-rose with a pearly glister.

PEARL OF ZEHLENDORF. The same glistening shade of salmon-rose in a flower of the plain type. As meritorious in size and form as in its lovely color.

ROSE OF ZEHLENDORF, Rococo type, fringed. Sparkling shade of rose, extremely rich and rare. Flowers otherwise identical with Pearl of Zehlendorf, Rococo type.

ROCOCO TYPE, FRINGED, Mixed. Includes all the colors from pure white to darkest red in flowers of this admirable type—the same enormous size and attractive form.

SALMON PINK. As delightful a shade of soft pink as can be conceived. Giant flowers with broad petals artistically reflexed.

GOLDEN SALMON. A flower of striking beauty, its salmon ground overlaid with orange that imparts to it a distinct glow throughout. Entirely unlike the other salmon shades.

Excellent plants in bud and flower from 4-inch pots, October to February.

Each, 50c; per dozen, \$3.50

Culture: Plant in the shade. The corms should be so set that the crown is even with the surface of the ground; in fact, it is better to have it exposed for half its thickness. To allow soil to collect at the base of the leaf is sure to result disastrously.

CLIVIA (Imantophyllum)

MINIATUM. Though this beautiful South African bulbous plant is rare we have a splendid stock of the best hybrids and can fully meet every requirement. It does well in the open garden if given a shaded and frostless position and makes a display quite unlike any other flower, being a deep, rich orange color. The foliage is handsome dark evergreen and sets the bloom off strikingly. In size and shape the blossoms, as well as the long, glossy leaves, resemble those of Amaryllis Belladonna. Of easy culture and particularly decorative as tub plants on porches, in patio nooks, or other quite shady locations, thriving for years and increasing. Strong blooming divisions in pots.

Each, \$2.50

DIANTHUS PLUMARIUS

NEW EVER-BLOOMING PINKS

This is a lovely strain of Scotch Pinks that flowers constantly. Both single and double, exceedingly pretty in either form, and heavily scented with the sweet, exotic odor of the old-fashioned Clove Pinks of dear memories. Many of the blossoms are beautifully zoned and others self-colored. Attractive low border plants yielding splendid flowers for cutting, the effect in vases being charming, and a small bunch perfuming a whole room with the fragrance of your grandmother's garden. Per dozen, 75c; per 100, \$5.00

DIGITALIS (Foxglove)

THE SHIRLEY. So much of an improvement on the older types that there is no comparison in quality. Hardy, handsome plants of sturdy growth, with stems attaining a height of five to seven feet and the portion covered with flowers often reaching the remarkable length of four feet. The blossoms are immense and range in color from pure white to deepest rose; and others are beautifully blotched and spotted dark maroon, crimson and chocolate. Unequaled for naturalizing in shrubberies or half-shady places. Mixed. Each, 15c; per dozen, \$1.50

GAILLARDIA

PORROLA. This perennial ranks among the sensational floral novelties, bearing blossoms of astonishing size—four to five inches in diameter—on individual stems two feet or over in length. The color is a rich bronzy crimson, with the tips of the petals margined golden yellow in a broad band. Either for garden decoration or as a cut flower the Gaillardia Portola has no peer in the whole range of perennial plants. It blooms freely under all conditions of weather. Unexcelled for beds or borders, producing a color effect unique and beautiful. True Egyptian red toned with yellow may be given as the general impression of a bunch of the flowers.

Each, 20c; per dozen, \$2.00



Glorious Reaches of Iris at Our Rivera Plant, in the Foreground the Dainty Variety Zephyr

Iris—a Gorgeous Array

MANY NOVELTIES AND SELECT VARIETIES

THE INTRODUCTION of many lovely hybrids during the past few years has given a great impetus to the cultivation of Iris and its popularity has accordingly expanded; but as with the Rose, Dahlia and other subjects numerous nondescript varieties have also been offered. In order to make a proper selection of meritorious sorts we have for years carried on extensive elimination tests at our Rivera Trial Grounds to determine the value of hundreds of these various introductions prior to offering any of them to our customers. In the following set will be found a selection of the latest sorts of exemplary worth—all distinct, handsome in form, novel in colors and free in bloom. We have the latest novelties and the choicest new and older kinds. There is no place where Irises will succeed more thoroughly than in Southern California. Here they are at their best during a long period and certain to give the utmost satisfaction. They will grow anywhere, in full sun or semi-shade, and in ordinary garden soil. There is no flower that will give a richer range of color, with every conceivable fragrance, wide diversity of form, height and size, and appealing qualities generally.

AURELLE. One of the richest-colored Irises in cultivation. Standards broad and rounded, a charming deep mauve. Falls penciled brown and chocolate at the base, merging to violet-crimson and shading lighter in the lower portions of the petals. Prominent orange-yellow beard. Unique in color and a remarkably fine sort; tall-growing, 3½ feet.
Each, \$1.00

CAMELOT. Among the daintiest of modern hybrid Irises. Standards pure white, stippled with light blue at the edges. Falls creamy-white, with dainty pencilings and stipplings of light blue at the edges. Very free, of moderate size, and an exquisite variety.
Each, \$1.00

CARTHUSIAN. Very early and unusually fragrant. Standards pure lavender-blue and falls a darker lavender-blue with a slight staining of purple, heavily penciled at the base with brown and gold. Extremely large flowers on compact plants with broad, heavy foliage.
Each, \$1.00

CHASSEUR. A splendid acquisition to the none-too-long list of good yellow Iris. The flowers open a dark bronzy yellow, turning paler as the blossoms mature. The standards are broad, the falls well rounded, pale yellow to center. Flower stems attain a height of 3 feet. A late flowering variety of unquestionable worth and merit.
Each, \$1.00

CHATELET. A very strong growing variety bearing flowers of immense size, which possess the additional advantage of being exceedingly fragrant. The edges of the standards are beautifully ruffled and undulated. Standards lavender overlaying a white ground, falls light purple heavily penciled white, the pencilings extending their full length.
Each, 75c

CITRONELLA. Standards lovely chrome-yellow, falls crimson, with a medial line of gold extending from the prominent intense orange beard to the base of the petals. Handsome, rugged and brilliant. Award of Merit, Royal Horticultural Society of England.
Each, \$1.00

CRETON. Standards deep rich purple, falls dark maroon-purple. Beard clear orange and conspicuous. A pleasing sort. **Each, 50c**

CRUSADER. A magnificent Iris. Particularly fine foliage. Standards pure, rich blue, falls heavily penciled brown and orange at the base, shading in the lower portions to wonderful bluish-purple. Considered by many the best of all the blues. **Each, \$1.00**

DALILA. Unique and unduplicated in color. Standards ivory-white with a most delicate flush of pale rosy-lavender. Falls velvety maroon with a pure-white throat flushed canary-yellow and netted with golden-brown veins. Dwarf, compact grower of remarkable symmetry and beauty. Late. 24 inches. **Each, 75c**

EDEN PHILLPOTTS. An excellent Iris of splendid form and size. Standards and falls are a lovely clear shade of dark lavender blue. Beard white and yellow. The plant is very vigorous, attaining a height of some 4 feet. **Each, 75c**

FLAMING SWORD. Standards deep golden-yellow, falls a lovely shade of rich maroon-crimson, beautifully reticulated and stippled with gold. A heavy margin of bright gold on the falls enhances the color combination. This is a remarkably handsome Iris, very fine in every respect. 2 feet. **Each, \$1.00**

GLADYS ROBERTS. A very large-flowered variety of perfect form and wonderful substance. Color a uniform shade of light reddish-purple in both standards and falls. Conspicuous orange beard. Bright and effective, presenting a fine sheet of color in a group. **Each, \$1.00**

HUSSARD. Plant of splendid habit. Flower stems attain a height of from 30 to 36 inches. Flowers of very large size, with standards a lovely shade of lavender blue. Falls a lighter shade of the same color. Beard intense deep orange and especially showy. **Each, 75c**



Cluny, Among the Prettiest of Irises

ISTRIA. One of the best large pure-white Irises of the Pallida type. Of ultra-refined form and splendid texture. Flowers immense and uniformly like freshly-fallen snow, simply superb. **Each, \$1.00**

J. B. DUMAS. A splendid large-flowered, tall variety with standards of bronze-lilac heavily penciled in brown and gold at the base; and falls rich wine-purple clearly penciled golden-brown half their length. The whole blossom has a distinct metallic luster. 3½ feet. **Each, \$1.50**

KASHMIR WHITE. One of the finest of all white Irises. The flower stems attain a height of from 3 to 4 feet, carrying six very large pure white flowers. Very free flowering. An outstanding variety in the lighter colored section. **Each, 50c**

LADY BYNG. Color a uniform soft ageratum-violet. A charming variety with flowers of medium size and very free-blooming. Long, grassy foliage. Sold several years ago at \$50.00 a root. 3 feet. **Each, \$1.00**

LADY CHARLES ALLOM. A beautiful self-colored Iris with broad incurved standards, rich bright blue. Falls of a slightly darker shade, the beauty of the whole blossom being accentuated by a bold yellow beard. **Each, \$1.00**

MARSOUIN. A splendid mid-season Iris. Flowers very large. Standards pale violet. Falls violet, purple striped and penciled, with brown at the base. Height 36 inches. **Each, 75c**

MIRANDA. A flower of faultless form and a beautiful uniform deep, rich blue both in standards and falls, the effect being delightful. **Each, \$1.00**

MISSIS FORD. Blossoms of exceedingly large size with full, rounded petals and prominent golden-yellow beard. Standards an exquisite shade of light blue, falls deep velvety purple. **Each, \$1.00**

MLLE. SCHWARTZ. A fascinating Iris of French origin, the branching spikes carrying enormous flowers of true Pallida form. The color is a lovely pale lavender-blue, uniform throughout the flower, with gold pencilings at base of falls. One of the tall varieties, 4 feet. **Each, 75c**



Alcazar, a Very Handsome Bearded Iris

Howard Smith

MRS. FRED STERN. A very brightly colored Iris for the open border which attains a height of some 3 feet. Standards a very beautiful shade of light violet. Falls a brilliant rosy violet. Each, 75c

MRS. H. F. BOWLES. Standards very broad, gracefully arched. In color a neat shade of old gold shot with purple. Falls of medium size, rich crimson in color, with brown and yellow markings, the base of the falls being handsomely reticulated with brown. Beard golden yellow. This is a magnificent Iris any way you take it. Each, \$1.50

MRS. WALTER BREWSTER. A medium early flowering variety with flowers of enormous size. Standards are broad and well rounded, light lavender blue in color. The falls are wide and spreading. Color a delightful shade of aniline blue, marked with brown stripes at the base. Beard golden yellow. A remarkably free flowering variety, with blossoms borne on strong, stout stems. Height, 3 to 3½ feet. Each, 75c

NEPTUNE. One of the late varieties bearing fine large blossoms of perfect form. Standards pale-blue, falls violet shading to light-blue. Beard orange and boldly displayed. Each, \$1.00

PIONEER. Truly a marvelous Iris of most effective color—a uniform brilliant deep purple in both the standards and falls. A tremendous grower, with large foliage, attaining a height of 3½ feet. Each, \$1.00

PRIVATE W. A. LOGAN, M. C. A massive, well built flower with broad, clear blue, incurved standards. Falls beautiful art shade of plum purple, reticulated white at the base, with distinct orange beard. Strong, vigorous growing variety, attaining a height of 3½ feet. Each, \$1.00

PROSPERO. One of the most vigorous and tall growing Irises obtained in our tests of new varieties. The flowers are of immense size, with bronzy lavender standards and beautiful deep violet purple falls, the latter margined pale violet. Each, 50c

QUEEN ELINOR. A dainty small-flowered sort and an exceedingly free bloomer, yielding tremendous masses of exquisitely-formed blossoms. Standards a rare shade of bluish-mauve and falls deep crimson-violet, an elegant combination. Each, 75c

SOUVENIR DE MAD. GAUDICHAU. In our opinion this is one of the most remarkable of all flag Irises. A representative of our firm first saw it growing in the originator's gardens near Paris, France, where it was outstanding in a very large collection of hybrid seedlings. Although introduced a few seasons ago it still is one of the conspicuous varieties in modern Irises. A very tall grower and bears flowers of immense size and substance. Rich purple, of velvety appearance, splendid in shape, with flowers of perfect form and finish. Each, 75c

STANDARD BEARER. A beautiful clear reddish purple; the color being uniform, both in standards and falls. Plants vigorous, attaining a height of some 3 feet. A block of this Iris in bloom at our trials last season elicited many favorable comments. Each, 75c

SUSAN BLISS. One of the very best near-pink Irises and a novelty that created a sensation when



Iris Archeveque, Virtually Ever-Blooming

introduced. Flowers are a delightful shade of mauve-rose both in standards and falls and profusely borne on stout erect stems. A gem in any collection. Each, \$1.50

TURCO. A medium to late flowering variety. Plant of compact habit, ranging 30 inches in height. Medium sized flowers. The upper segments are a novel shade of rosy lilac; lower falls suffused with blue on a yellow ground. The mass effect of this variety in bloom is very striking indeed. A sort that we can highly recommend. Each, 75c

VELOUTE. A very handsome Iris similar to the splendid old variety Monsignor, but darker in color. The falls are violet purple, shaded with velvety black, striped with white at the base. Standards a deep, aniline blue. Each, 50c

VOLUMNIA. Remarkably strong-growing variety with broad, straplike foliage and flower stems 2½ to 4 feet high. Standards pale blue, falls penciled with light orange-brown at the base, deepening to violet and light blue in the lower portion. Each, 75c

W. C. TERRY. Blossoms very large, of perfect form. Standards rich light-blue, heavily veined darker in the lower portion. Falls a lovely shade of violet-purple, penciled brown. Prominent golden-yellow beard. Each, \$1.00

SPECIAL LOW-PRICE OFFER: One each of the above 37 superb new Iris, delivered postpaid anywhere in the U. S. A., \$27.50.

H. & S. SPECIAL OFFERS OF FINE IRIS IN COLLECTIONS

For the benefit of many of our customers who are not conversant with the numerous varieties of Iris and therefore in doubt regarding just which to order we have made up the following low-priced collections. Each of these contains many of the finest sorts, which we are able to include because our stocks are large and this plan relieves us of a surplus in certain blocks. These collections are of excellent value but the selection is entirely at our disposition:

COLLECTION A—12 Choice Sorts, Older Varieties, Carefully Labeled, \$3.00.

COLLECTION B—12 Choice Sorts, Newer Varieties, Carefully Labeled, \$4.00.

COLLECTION C—24 Choice Sorts, Older Varieties, Carefully Labeled, \$5.00.

COLLECTION D—24 Choice Sorts, Newer Varieties, Carefully Labeled, \$7.50.

Howard Smith

Water Iris

TALL-GROWING GROUP

The Irises in the following group are tall growers with long, grassy foliage, particularly adapted for waterside planting. The flower stems attain a height of 4 to 7 feet and bear blossoms in lavish profusion during April and May. The blooms are more or less similar in form to those of the Spanish or Dutch Iris and of splendid decorative value for cutting purposes:

MONSPUR HYBRID. The flowers of this handsome new variety are equally valuable for cutting as those of the Spanish or Dutch Irises. Standards pure blue; spreading falls a deeper tone, with a central gold bar and reticulations of white. Height, 3-4 feet. **Each, 50c**

MUSULMANICA SKY-BLUE. Elegant flowers of the glorious color indicated by the name, with golden-yellow medial line in the falls. Handsome both in flower and foliage, the latter being grassy. **Each, 75c**

OCHROAUREA. Very scarce and a highly desirable variety, being one of the most vigorous growers of this entire class. Magnificent flowers are produced on 6 to 7 foot stems. The upper segments are an admirable shade of creamy-white banded with gold in the center. The falls are broad and rounded, deep golden-yellow handsomely margined with creamy-white. **Each, \$1.00**

OCHROLEUCA REFLEX. A handsome water Iris composed of many extra segments, more or less cristate at the ends and giving the impression of a double flower. Superior petals a deep golden-yellow merging to creamy-white at the margins. The whole effect is that of a double form and pretty. **Each, 75c**

PSEUDACORUS AUREA VILMOREANA. One of the most magnificent of all water Irises. The flowers are of marvelous size and a uniform rich golden-yellow. The blossoms of this exceedingly fine hybrid are ideal for cutting. Splendid for



Fairy, a Dainty Iris of the Lavender Group

planting along water courses, though growing equally well in the open garden. **Each, \$1.00**

SPECIAL OFFER: One strong division of each of the above, **\$3.00.**

General Collection

BEST OF PROVEN VARIETIES

The Irises under this heading, though not novelties, include the best of the proven varieties of earlier introduction, many of which have never been surpassed, and we can recommend every one. They are of the same fine race of hybrids as the novelties and late introductions noted above, with similar sturdy growth, immense blossoms and striking and beautiful range of colors. In the main they are of French origin and represent one of the most conspicuous advances made in the improvement of this favorite garden plant:

ALCAZAR. One of the handsomest bearded Iris in the collection. A strong, vigorous grower, with much branched stems. Flowers of gigantic size, displaying to great advantage a wonderful combination of colors. Standards are bright deep blue. Falls violet purple with yellow beard. **Each, 35c**

AMAS. Immense globular flowers. Standards a lovely shade of lavender blue. Height, 2 feet. **Each, 35c**



King of Iris, Old Gold and Rich Maroon

AMBASSADOR. One of the finest introductions in modern times. The stout stem bears flowers of magnificent size and form and quite unique as to color. Standards deep lavender shot with bronze. Falls maroon with purplish cast. Each, 50c

AMBIGU. Standards of distinct reddish purple. Falls maroon reticulated with brown at the base. Beard orange-yellow. Height 2 feet. Each, 50c

ARCHEVEQUE. Standards a rich shade of reddish purple. Falls dark velvety purple. Might well be regarded as an ever-blooming variety, bearing quantities of flowers not only during the spring, but during fall until winter. Height, 2 feet. Each, 35c

BALLERINE. A superb novelty. This lovely Iris reaches the height of 4 feet, the broad foliage being surmounted with masses of glorious orchid-like flowers. Standards are a wonderful shade of porcelain blue, broad and rounded with wavy margins. Falls of a slightly deeper shade of blue. A deliciously scented variety. Each, 50c

BOSNIAMAC. Standards primrose yellow, falls primrose shot with blue, with the base of the falls reticulated with blue. One of the best in its class of shades approaching yellow. Each, 50c

CANDELABRE. A distinct shade of pale blue veined and marked with purple. Stems very much branched, bearing large numbers of handsome flowers. Height, 2½ feet. Each, 35c

CAPRICE. Enormous blooms in a lovely shade of pure violet blue. Very attractive as a cut flower, its size being remarkable for its class. Height, 2½ feet. Each, 35c

CATERINA. A superb variety. Unquestionably one of the handsomest. A giant, not only in height but also in the mammoth size of its blossoms. The stems are long and much branched, bearing flowers of a clean, even shade of lavender blue. Height, 4 feet. Each, 25c

CHERUBIM. An exquisitely colored variety. The standards a distinct shade of pale lilac. Falls lavender veined with white. Height, 2½ feet. Each, 25c

CLUNY. A lovely Iris. Standards are wistaria blue, falls soft bluish violet with darker shadings. Very free. Height, 4 feet. Each, 50c

DEJAZET. Standards lavender overlaid with brown, falls purple with sepia brown. Each, 50c

ED. MICHEL. In our opinion one of the finest Iris introduced in recent years. The flowers are immense, beautifully poised on tall, vigorous growing stems. The standards are broad and frilled, of a distinct shade of reddish violet. Falls slightly deeper in color. Height, 3 feet. Each, 50c

ELDORADO. Standards yellowish bronze, exquisitely shaded with heliotrope. Falls bronze overlaid with blue. Height, 3 feet. Each, 35c

FAIRY. One of the daintiest of all tall-flowered Iris. Blossoms of moderate size. Standards and falls prettily suffused with lavender. Has a conspicuous orange beard. Height, 3 feet. Each, 25c

GOLDEN FLEECE. A comparatively dwarf intermediate type, bearing handsome light yellow flowers equivalent in color both in standards and falls. A dainty foreground variety. Height, 1½ feet. Each, 35c

GREVIN. Standards violet with bronze shadings, falls velvety wine red, reticulated at the base with golden brown. Height, 2 feet. Each, 50c

ISOLENE. One of the progenitors of this giant race of hybrid Iris and still one of the best. The plants are of tall growth. Standards brownish lavender shot with bronze. Falls light purple overlaid with bronze, striped with golden brown at the base. Beard golden yellow. Height, 3 feet. Each, 35c



Zephyr, a Favorite Iris of Rare Beauty

JEANNE d'ARC. One of the daintiest Iris in existence. Ground color pure white, both in standards and falls, with pencilings of light blue at the outer edges of the petals. A remarkably free bloomer and equal to the finest orchid in point of beauty. Height, 2½ feet. Each, 35c

KHARPUT. Standards deep purplish blue. Falls violet blue. Colors are intense in both standards and falls. Very choice. Height, 30 inches. Each, 35c

KING OF IRIS. Massive, well-built flowers of splendid texture. Standards rich old gold. Falls broad, in color rich velvety maroon shot with old gold. A striking combination. Height, 2 feet. Each, 35c

LA NIEGE. A dainty creamy white semi-tall variety. Very free in bloom, pure in tone. Each, 35c

Howard Smith

Giant-Flowered Blue Iris—Oriflamme

LOUTE. Standards deep lavender shot with brown. Falls purplish wine color, striped with brown at the base of the petals. Beard orange yellow. Each, 35c

MAGNIFICA. This Iris is all the name implies. The flowers are simply enormous as to size, borne on stiff branching stems, which attain a height of 4 feet. The falls are a dark reddish violet, the standards light violet blue. Exquisite. Each, 50c

MEDRANO. Remarkable in every way. Flowers of large size with standards of reddish copper color. Falls reddish purple overlaid with blue, flaked with lavender and buff. Height, 2 feet. Each, 50c

MOLIERE. Standards light blue overlaid with brown, falls purplish maroon merging lighter at the outer edges of the petals. Great blossoms. Each, 50c

MONSIGNOR. Richly colored and remarkably free. Standards pale violet purple, falls overlaid and reticulated with deep purple. Immense flowers of splendid substance. Height, 30 inches. Each, 35c

MRS. REUTHE. Very early, with moderate-sized flowers. Standards and falls a delicate lavender blue. Although not large in size of bloom, it is a sort of exquisite beauty. Height, 2 feet. Each, 35c

NEUEE d'ORAGE. Standards a peculiar shade of grayish lavender. Falls light lavender overlaid with bronze. A variety of remarkable effects and most beautiful. Height, 30 inches. Each, 35c

OPERA. Distinct, with flowers of fine shape. Standards are coppery brown shot with purple. Falls wine red, base of the petals bronzy maroon penciled with gold. Height, 2 feet. Each, 50c

ORIFLAMME. Gigantic flowers on stout branching stems. Standards a lovely shade of rich bright blue. Falls deep purple. Height, 2½ feet. Each, 35c

PARISIANA. Standards light lavender shot with white. Falls blotched with white, reticulated at the edges of the petals with lavender. A handsome flower. Height, 30 inches. Each, 35c

PROSPER LAUGIER. Standards bronze with a suffusion of heliotrope blue. Falls rich velvety maroon with brown pencilings at the base of the petals. Beard golden yellow. Height, 3 feet. Each, 35c

ZEPHYR. One of the daintiest in the collection, with medium-size flowers of clear lavender-blue. Literally covered with bloom during March and April. Height 3 feet. Each, 35c

GERBERAS

CHOICEST SINGLES

NEW MIXED HYBRIDS. Handsome flowers of extra-large size and in a color range that embraces all shades from snow-white to richest crimson-orange, yellow, pink and salmon in their varied tones—characterize this fine strain, the result of crosses between the white South African variety and the well-known scarlet sort, Jamesonii. These Transvaal Daisies are borne on long, wiry stems and are unexcelled for cutting, keeping over a week. They bloom constantly from early spring until late autumn. Excellent plants from 2½-inch pots. Each, 20c; per dozen, \$2.00

HEMEROCALLIS

(JAPANESE DAY LILY)

These have long been garden favorites. All the varieties are beautiful and desirable, with tall, graceful, grass-like foliage that sets off the large trumpet-shaped flowers effectively. They are of perennial duration, look particularly well naturalized along streams or on moist banks, and will thrive luxuriantly in the shade. Good for rock work, borders and beds. Little care is required beyond watering.

AURANTIACA MAJOR. Enormous blossoms of rich orange, sweetly scented. A vigorous-growing, strong-flowering kind.

FLORHAM. Pure light-yellow, medium-size flowers, and a constant bloomer from April to November. Of especial value for herbaceous borders.

KWANSO. Large double flowers of striking color, a deep golden-bronze. An interesting development. Any of the above, Each, 35c; per dozen, \$3.50.

PANSIES

HUGE AND GORGEOUS

H. & S. SPECIAL GIANTS. Of immense size, often 3 inches and over across, magnificent form and substance and a color range of amazing comprehensiveness and beauty, these Pansies challenge comparison and we believe the strain the best in existence today. So thoroughly has it been developed that the flowers, of lovely velvety texture, come in marvelous self-colors and combinations quite impossible of visualization—gorgeous and harmonious yet extremely bizarre. Of splendid effect in the garden, beds or borders and excellent subjects for cutting, having long stems and exceptional lasting properties. Their blooming season is exceptionally prolonged. Strong young plants.

Per dozen, 75c; per 100, \$5.00

PENTSTEMONS

COLORFUL GIANT HYBRIDS

In size of bloom, point of color series and general beauty these new giant-flowered hybrids excel all others we know in this class of plants. The enormous flowers are well-disposed on the spikes and decidedly attractive practically the entire year. Excellent plants in mixed shades of Red, Carmine and Rose.

Each, 15c; per dozen, \$1.50



Acres of Phlox Rear High Their Beautiful Heads of Brilliant Bloom at Our Rivera Nursery

Perennial Phlox

IN THEIR new and vastly improved types these old-fashioned plants present as impressive and bright color displays in the garden as it is possible to conceive. For the herbaceous border they are indispensable, making a continuous show of surpassing beauty through the summer and autumn. Truly perennial in their nature the plants last for several seasons, but it is advisable to divide and reset the clumps after three years. The time to do this is after the fall blooming period or in early spring before growth begins.

When in bloom the fields at our Rivera Nursery, where we produce each season thousands upon thousands of plants, are a magnificent spectacle. Phlox can be handled in a dormant or bare-root condition from November until April, pack light, and can be shipped far at slight expense. They withstand extreme heat and cold and will thrive in any State in the Union if given ordinary attention. Each recurring season will bring a new display of handsome heads of bloom. Their fragrance is delectably sweet.

LEO SCHLAGETER. A grand and distinctive new Phlox of dazzling beauty. The color is light carmine-scarlet with orange reflex—an effect indescribably brilliant. Bears immense heads of large florets. A glowing gem that will appeal to every lover of these popular flowers. **Each, 35c; per dozen, \$3.50**

AUSTRALIA. Comparatively new. Bears immense florets. A remarkable shade of crimson purple. Height 2 feet. **Each, 25c**

ALBION. A vigorous growing variety, pure white, with pale pink eye. Height 2 feet. **Each, 25c**

B. COMTE. A beautiful shade of purple overlaid with crimson, with a very dark eye. A good, strong growing Phlox; one of the best of its grade. Height 2 feet. **Each, 25c**

BACCHANTE. Dark rose with highly contrasting carmine eye. Height 2 feet. **Each, 25c**

BRIDESMAID. A distinct and beautiful sort, pure white, with a well-defined crimson eye. Height 18 inches. **Each, 20c**

CREPUSCULE. White ground suffused mauve, eye rosy purple. Height 2 feet. **Each, 25c**

DEUTSCHLAND. A recent introduction and unquestionably one of the finest. Brilliant shade of oriental red, with a highly contrasting rich crimson red eye. **Each, 35c**

ECLAIREUR. Deep wine red. Height 2 feet 6 inches. Novel and distinct color. **Each, 25c**

EUROPA. An immense head composed of extra large flowers, pure white in color, with a highly contrasting center eye of dark carmine. **Each, 25c**

ELIZABETH CAMPBELL. The peer of all pink Phlox. Soft rose pink rayed with white. Dark rose-colored eye. Individual florets immense in size. Trusses very large. A scarce and much-sought-after variety. Height 18 inches. Each, 25c

F. A. BUCHNER. Intermediate in height, between Mrs. Jenkins and Mad. Marie Kuppenheim. Nearly pure white in color. Height 2 feet. Each, 20c

GEN. VON DIEDEM. One of the most brilliantly colored Phloxes in our collection. Rich dark salmon scarlet. Immense heads. Each, 35c

GOLIATH. A tall growing large flowered bright orange scarlet Phlox. Lighter in color than Vesuvius. Each, 25c

HENRY MURGER. Pure white, with a dark eye, a distinct and beautiful sort. Each, 25c

HERVOR. A pure even shade of rose with a white eye. Bears splendidly formed trusses. Each, 25c

LOUISE ABBEMA. White ground shot with rose. Florets of moderate size. Trusses large and compact. Height 18 inches. Each, 25c

LA VAGUE. Florets of moderate size, borne in large trusses. A delicate shade of soft pink. Height 2 feet. Each, 25c

HOWARD & SMITH'S SPECIAL Offer of Choice Phlox

COLLECTION A. 12 very fine Phlox from the collection here listed, our selection, each one different, carefully labeled, suitable for a small garden, \$2.50

COLLECTION B. 24 superb Phlox from the collection here listed, our selection, each one different, carefully labeled, suitable for a garden of moderate size, \$4.75

COLLECTION C. The complete assortment of these fine Phlox, a collection of which it may be truly said is the last word in Phlox today, good, strong plants, each carefully labeled, \$6.50

MAD. MARIE KUPPENHEIM. A splendid front row Phlox. One of the best dwarf pure whites. Height 15 inches. Each, 25c

MAD. PAUL DUTRIE. A charming shade of pure flesh pink overlaying a white ground. Each, 25c

MRS. JENKINS. One of the oldest Phloxes in cultivation and still one of the best pure white varieties in commerce. Attains a height of 2 to 2½ feet. Trusses immense, conical in form. Each, 20c

OBERGARTNER REICHENAU. Extra large flowers, bright rose. Strong, compact grower; extra heavy foliage. Very desirable. Height 2 feet. Each, 25c

PANTHEON. An elegant shade of bright rose pink with a distinct dark eye. A beautiful variety. Each, 25c

PROF. SCHIELEMANN. The florets of this Phlox are of moderate size. In color a beautiful shade of lilac rose, trusses more or less conical in form. Growth tall. A fine back row variety. Each, 20c

PROF. VIRCHOW. A soft pearly pink with distinct crimson eye. An especially delicate shade. Height 18 inches. Each, 25c

RHEINLANDER. A beautiful salmon pink, the center of each floret relieved with a distinct carmine crimson eye. Height 18 inches. Blossoms and trusses very large. Each, 25c

RYNSTROM. A superb shade of dark salmon rose. Florets of immense size, growth compact. Trusses immense. One of the finest of its color. Height 18 inches. Each, 25c

SELMA. A clear, bright rose highly relieved with a distinct carmine crimson eye. One of the best of all Phloxes of this color. Flowers of superb size. Trusses immense. Height 2 feet. Each, 25c

VESUVIUS. A dwarf Phlox bearing large trusses of bright fiery crimson flowers. Height 15 inches. Each, 25c

WANADIS. A very desirable variety. Bears immense trusses with large individual florets. The color is unique in this class of plants, being a delicate shade of lilac, the center of each floret having a bluish purple eye. Height about 18 inches. Each, 25c

WIDAR. An exquisite two-toned Phlox bearing florets of immense size. Color lavender, rayed with white. Each, 25c

Cultural Note: Perennial Phlox should be planted in the fall to establish them so they will grow with greater freedom in the spring. Although of the easiest possible culture they respond readily to good methods. In general they delight in a light, rich loamy soil; and being gross feeders, require plenty of well-rotted manure worked into the ground—preferably some time prior to planting. They need abundant moisture in dry weather and should be generously watered at the slightest sign of flagging.

MOREA

IRIDIODES. Distinctly beautiful and rare, a South African species of highly ornamental character. Forms dense tufts of long, grassy foliage about four feet tall, with numerous long, branched flowered stems along which are distributed many iris-like blossoms with a ground color of pure white, strikingly blotched with golden yellow. In many ways the blooms resemble those of a Japanese Iris, though somewhat smaller. The foliage is persistent, being green throughout the year. Flowers in abundance during late spring. Strong divisions. Each, 50c; dozen, \$5.00

PHYSOSTEGIA BRILLIANT NEW FORM

VIRGINICA VIVID. A highly-improved variety of this popular subject—a lovely, conspicuous and useful summer-blooming perennial. Splendidly effective as a garden plant and valuable for cut flowers; attractive in growth and foliage from early spring until late autumn. Vivid makes a compact plant of more or less bushy habit, 2 feet tall, bearing long spikes of heather-like, tubular blossoms during an extended period. The color is intensely rich—a brilliant, striking shade of bright violet-mauve that is conspicuous in any garden and any combination of hues; while the individual flowers as well as the spikes are practically double the size of the older type, and have an exquisite light fragrance. Excellent keepers and very decorative outdoors or in. The Physostegia is often referred to as the "Obedient Plant" from the curious fact that the individual flowers may be turned to any angle or position on the stem and will so remain. Succeeds in almost any position with a fair amount of sunshine. We offer exceptionally strong plants.

Each, 35c; per dozen, \$3.50

POLYANTHUS

These are more often spoken of as Primroses. They are excellent for rockery planting or edging north-exposure borders with abundant shade; and also grow well as pot plants for window or interior decoration. In early spring they produce immense quantities of brilliant-colored heads of bloom.

H. & S. PRIZE GIANT-FLOWERED (Mixed). The finest obtainable, containing a well-balanced assortment of white, yellow, red, bronze and various other colors. Good plants from 2½-inch pots. Each, 15c; per dozen, \$1.50

Howard Smith

ALLWOOD PINKS

HARDY EVER-BLOOMING

These are superb new Pinks of special beauty and usefulness, being remarkably free-flowering and splendid for cutting. The result of crosses between Carnations and small border Pinks, the blossoms of this novel hybrid are intermediate in size as a rule, of handsome form, and have a delightful clove odor, a small bunch readily scenting a room. The plants are of compact growth and ideal for edging herbaceous borders and beds. Though at the height of their glory in spring they bloom generously throughout the entire year.

ALBERT. Finely variegated, pink penciling on a white ground.

ETOILE de FEU. Warm shade of dark red and a lovely blossom.

HAROLD. Pure white, deeply fringed, with intense sweet odor.

JEAN. White with violet center, an extremely beautiful contrast.

JOYCE. Exquisite soft rose with contrasting dark-maroon center.

MARY. Pale rose-pink with zone of maroon, a charming combination.

MAUDE. Pure magenta and of exceeding richness in display and scent.

MRS. J. W. WALKER. Bright scarlet-red, presenting a dazzling effect.

PEGGY. Rich crimson-rose, a wonderful shade. Plants compact, bushy.

QUEEN MARY. Glowing shade of violet-purple. A fine, shapely bloom.

ROBERT. Old rose, deep-maroon center, flower of very large size.

SUSAN. Delicate lilac zoned at center of blossom with rich maroon.

Strong plants from 3-inch pots.

Each, 25c; per dozen, \$2.50

PRIMULA

OBCONICA GIGANTEA

CRIMSON KING. An elegant large-flowered novelty. The blossoms of rich crimson are disposed in trusses, carried well above the sturdy dark-green foliage, and beautifully set off by the leaves, which are arranged in rosette form. The heads of bloom are most graceful.

ROSE QUEEN. An admirable companion to the above and similar to it in every respect excepting color—a pure, delightful shade of rose.

MALACOIDES

GIANT LIGHT PINK. This striking Primrose was introduced from China several years since. The flowers, a charming shade of soft pink, are borne around the central stem in dense whorls, several of the latter to each stem. Blooms without intermission throughout the year.

The foregoing three Primulas are of great value for shady rockery planting, ferneries and nooks where the hot sun cannot reach them. Strong plants from 4-inch pots.

Each, 35c; per dozen, \$3.50

SCABIOSA CAUCASICA

Beautifully frilled, lace-like flowers of large size valuable either for the garden or vase subjects. They occur both single and double, possess a marked grace and delicacy, have strong, slender stems 2 feet long, and keep splendidly in water. In color this magnificent new strain of hybrids ranges from snow-white to exquisite shades of sky-blue, grayish-blue, lavender and dark-blue, thus meeting the most fastidious re-

quirements. Clumps of these perennials bloom season after season when established—from midwinter on through the spring. Strong plants from 3-inch pots.

Each, 25c; per dozen, \$2.50

SHASTA DAISIES

THREE ELEGANT TYPES

ALASKA. Pure-white, dainty single flowers, beautifully formed. This well known variety is one of the best for cutting purposes and a valuable outdoor decorative, blooming freely. Strong, fine pot-grown stock.

Each, 15c; per dozen, \$1.50

GLOIRE de VITRY. A giant-flowered new French Shasta Daisy with grand white blossoms 6 inches or over in diameter artistically poised at the tips of 3 to 4-foot stems. The petals are broad and strap-like and arranged around a comparatively small yellow disk. Magnificent in the garden and invaluable for cutting. Form splendid clumps, better each year. A basket of spring flowers with this giant Daisy a feature is a conception of stunning beauty. This is a sterling novelty which we take pleasure in recommending.

Each, 25c; per dozen, \$2.50

H. & S. SEMI-DOUBLE FRINGED. An entirely new superior form grown by us from a series of double and semi-double giant types which we introduced several years ago. The flowers are snow-white and very large, with the ends of the petals deeply notched and cut, giving the entire blooms a graceful and informal fringed effect that is lovely. This novelty has speedily proved itself a welcome addition to the list of herbaceous plants either for the garden or as a cut-flower subject.

Each, 25c; per dozen, \$2.50

SPIRAEA

(MEADOW SWEET)

Clumps especially prepared for pot forcing, ready for delivery in the fall. Attractive fern-like foliage and feathery plumes of flowers.

GLADSTONE. Beautiful flowers of purest white.

GLORIA. Lovely shade of deep rose-pink.

PRINCESS MARY. This variety is light-pink.

Each, 75c; per dozen, \$7.50

STATICE

PEREZII. Of comparatively recent introduction and a very handsome species with large flowers a magnificent shade of bright blue. The blossoms are thickly set in an immense truss that attains a diameter of a foot and a half or more, and the plants grow about four feet tall. A specimen abloom in the garden makes a striking showing with its broad dark-green foliage surmounted by great branching heads of charming blue. Aside from its outdoor usefulness this perennial is splendid for cutting; and the trusses of bloom can also be employed for decorative purposes in the dry state, retaining their color perfectly. Sturdy pot plants.

Each, 35c; per dozen, \$3.50

DUMOSA. A variety of dwarf habit making handsome plants of lesser height than the above but blooming with equal freedom. Available for growing where the other may be too large. The flowers are set in fine trusses and are a pretty lavender.

Each, 25c; per dozen, \$2.50

SNAPDRAGONS

(ANTIRRHINUM)

These are exceedingly-attractive new types bearing flowers of immense size and beautiful colors, gracefully poised on magnificent spikes. As back-row plants in herbaceous borders they cannot be excelled; and they will give stunning color effects in various locations.

BUNCH OF LILACS. Deep lilac. Tall grower.

CEYLON COURT. True canary-yellow. Medium height.

COPPER KING. Rich bronzy-copper. Tall variety.

JENNIE SCHNEIDER. Lovely rose-pink. Medium height.

MARALDA. Striking coppery-carmine. A tall kind.

THE ROSE. Pure shade of rose. Also a tall-grower.

The above splendid strains bear blossoms at least twice the size of those of the older classes and their classification as medium-height or tall makes them easy to place for the best showing. Vigorous plants from 2-inch pots. Per dozen, 75c; per 100, \$5.00

STOCKS

LARGE AND COLORFUL

GIANT BISMARCK. Large-flowered type and the best. Attain a height of about 30 inches and are very much branched, producing many blossoms. These are intensely fragrant and particularly available for cutting owing to their long stems. The percentage of doubles is very high. Separate colors of Appleblossom, Salmon-pink, Silver-lilac, Rose, Yellow, Purple and Blood-red. Vigorous plants from 2-inch pots. Per dozen, 75c; per 100, \$5.00

EVER-BLOOMING BROMPTON STOCK

RIVERA BEAUTY. Free-flowering and continuous—a cut-and-come-again Stock. An exquisite clear-rose shade. The blossoms have extremely long stems and are splendid keepers, hence valuable for cutting. An exceedingly fine strain. Strong plants from 2-inch pots. Per dozen, 75c; per 100, \$5.00

SWEET WILLIAM

HANDSOME NOVELTIES

Even in its diminutive size and plain earlier forms and colors this old-fashioned flower was a strong favorite. In the comparatively gigantic proportions it now assumes and with distinct and striking new colors it is especially beautiful for use in mass effects or when formed into a border to beds of other flowering subjects. It is a pleasure to announce the following stunning varieties:

GIANT AURICULA-EYED. A new and handsome strain with large individual blooms in mammoth trusses. The flowers have pure-white eyes and are evenly zoned at the exterior with various colors—maroon, scarlet, rose and others.

TURKISH-RED. A magnificent color development that will be a surprise to lovers of this flower. A glowing shade of deep reddish scarlet throughout the large blossom.

COPPERY-RED. Perhaps the more impressive of the new shades because of its novelty as well as beauty. A different note for your garden.

Vigorous pot-grown plants that will bloom freely next spring if set out this fall.

Per dozen, \$1.00; per 100, \$7.50

Landscape Department

We desire to call your special attention to our Landscape Division, long maintained as one of the most complete and efficient on the Pacific Coast, and a principal factor in the planting and beautifying of the Great Southwest. With thirty-five years' experience in designing and developing the finest and most picturesque grounds in Southern California and intimate knowledge of climatic and soil conditions and plant life and its adaptability we are in a position to guarantee a service permanently satisfactory.

Our extensive nurseries with their large and varied stocks of the finest of ornamental and flowering trees, plants and shrubs supplement the Landscape Division so thoroughly that we can assure the best results from every standpoint no matter what the magnitude of the work. Rose gardens, ever becoming more popular and decidedly appropriate in this sunny land, are among our leading specialties.

The Landscape Division is in charge of Mr. A. P. Howard, who will be pleased to take up with you personally the planning of new grounds or estates, large or small, or the contemplated improvement of your present property.

THALICTRUM

DIPTEROARPUM. This fine plant, introduced several years ago, remains comparatively little known. Its intrinsic worth as a garden ornamental or as a subject for cut flowers is great and it deserves general recognition. The foliage is small, dainty in appearance and resembles in great measure that of the Maidenhair Fern. During its blooming period strong shoots ranging from four to six and seven feet high manifest themselves. These shoots are much branched and bear enormous quantities of minute bell-shaped flowers of a deep lavender color, the color being greatly enhanced by the yellow stamens in their centers. Strong young plants.

Each, 25c; per dozen, \$2.50

NEW VIOLA

JERSEY GEM. Beyond a doubt the best bedding Viola ever developed. Flowers pure violet, without a trace of shading, large and produced in profusion on good stems about 6 inches long. This premier variety has an extended blooming season and the plants are of compact, sturdy habit of growth.

Per dozen, 50c; per 100, \$3.50

Published for Your Guidance

What and When to Plant is a trustworthy guide for all who would obtain the most satisfying results—the fullest enjoyment from every form of planting in their gardens and home grounds. We shall appreciate the courtesy and our customers will be conferring a favor on friends who are interested in flowers by sending us their names and addresses for the mailing list. What and When to Plant is sent gratis. Don't fail to notify us of change of address in case of removal.

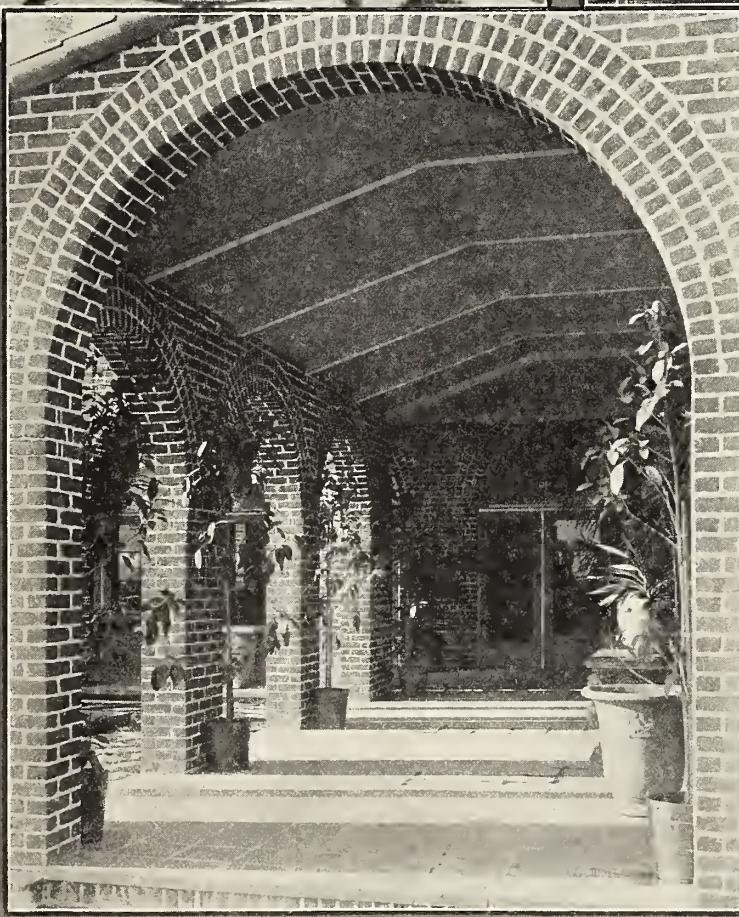
Exterior Close-ups of Howard & Smith's Model General Headquarters At Montebello



Main entrance with its
patio effect and flagstone-
and-grass approach



Building ramp
leading to bulb-
storage basement
from rear



One of tiled corridors
facing the patio area

Glimpses That Bespeak the Character of Our New Home



An artistic stairway leading
to the mezzanine enhances
the foyer's attractiveness

Steel-equipped
flower seed
mail order
department



Retail sales and
display room
Information desk
at center

Novelties and Specialties

In Choice Flower Seeds for the Autumn of 1930



HERE is probably no feature in ornamental gardening which appeals more to the average layman, or even to the experienced gardener, than the pleasure to be derived from the use of the various annual, perennial and biennial plants as grown from seed for the embellishment of the garden. The ease with which they can be grown and the wonderful color effects obtained so quickly and for such moderate outlay place them in front-rank position as subjects for beautification.

With the vast improvements during recent years in the various strains of annual and perennial plants, plus the introduction of many new species from all parts of the world, there has been an ever-increasing demand and interest manifested in their culture. We have for many years devoted our attention and energy to this branch of ornamental horticulture, always with the end in view of producing something novel or improving the quality of already existing strains. That we have had a fair measure of success in our efforts is well attested by the fact that our strains of Giant-Flowering Asters, Cinerarias and other of our specialties are now recognized and grown throughout the civilized world. Through the medium of this Autumn bulletin we again direct your attention to these worthwhile specialties, through the use of which you will find unbounded pleasure, not only to yourself, but to those of your friends who appreciate beautiful flowers.

ACROCLINIUM

A pretty everlasting annual of splendid effect in borders during its blooming period and valuable as a dry flower for house decoration. Blossoms six weeks after sowing. Height 15 inches. Double Rose and Double White.

Per packet, 10c

ALYSSUM

Dainty and exceedingly free-blooming dwarf plant unexcelled as a ground cover. Adapted for beds, edgings, rockwork, baskets or vases.

LILAC QUEEN. Especially fine annual, deep lavender-lilac, very compact, quickly making a grand mass of color. Height 6 inches. Per packet, 15c

LITTLE GEM. (Carpet of Snow) Similar to the above except in color. Beautiful blanket of white from early spring until winter. Per packet, 15c

SAXATILE COMPACTUM. (Basket of Gold) Perennial, producing showy golden-yellow flowers in profusion. Particularly good rock plant.

Per packet, 15c

ANCHUSA

ITALICA. (Dropmore Variety) Provides some of the best really blue flowers in our gardens. A superb perennial easily grown from seed. This new variety is a distinct improvement, producing much larger blossoms of a lovely gentian-blue in long, loose sprays on strong branching stems 5 to 6 feet high. A glorious summer and autumn bloomer.

Per packet, 25c

CAPENSIS. (Cape Forget-Me-Not) A distinct new annual variety of especial merit, generous all summer with blossoms a pure Forget-Me-Not blue. Easily grown.

Per packet, 15c

ANTIRRHINUM

(SNAPDRAGON)

Here is a magnificent new strain of Antirrhinums bearing giant blossoms in a wide color range on plants of varying sizes adaptable to different locations. These flowers are at least double the proportions of those in the old Majus class and are gracefully poised on tall, strong spikes. The "Majestic" type bears blooms as large as the Maximum Giant-Flowered. Snapdragons produce grand color effects as back-row plants in herbaceous borders.

MAJUS NANUM—MEDIUM HEIGHT
BONFIRE. Orange-buff, shaded scarlet.

Per packet, 15c

GLORIA. Carmine and white. Per packet, 15c

ROSE DORE. Salmon-rose, suffused orange.

Per packet, 25c

SALMON PINK. Lovely shade of soft pink.

Per packet, 25c

SILVER PINK. Shimmering pearl-pink, self.

Per packet, 25c

MIXED. Including the above colors. Per packet, 15c

GRANDIFLORUM—MEDIUM HEIGHT

AMBER QUEEN. Amber, suffused with chamois-pink.

Per packet, 15c

CEYLON COURT. Splendid novelty, true canary-yellow. Exceptionally beautiful.

Per packet, 50c

FAWN. Terra cotta-pink, suffused yellow.

Per packet, 15c

JENNIE SCHNEIDER. Fascinating rose-pink shade. Indeed a gem Antirrhinum.

Per packet, 50c

SPECIAL: One packet each of the above 4 varieties, \$1.00.

ANTIRRHINUM—Continued

"MAJESTIC"—HALF DWARF

- ORANGE KING.** Rich terra cotta, merging to orange.
Per packet, 25c
- SUNSET.** Bright terra cotta, shading rosy-salmon.
Per packet, 25c
- SNOWSTORM.** White as the driven flakes.
Per packet, 25c
- TWILIGHT.** Delicate apricot, yellow-salmon shading.
Per packet, 25c
- VICTORY.** Terra cotta-orange shading to yellow.
Per packet, 25c
- SPECIAL:** One packet each of the above 5 varieties,
\$1.00.
- MIXED.** Including all the "Majestic" varieties.
Per packet, 25c

MAXIMUM GIANT-FLOWERED—TALL

- APPLEBLOSSOM.** Delicate pink, white throat.
Per packet, 25c
- BUNCH OF LILACS.** Deep lilac.
Per packet, 25c
- CANARY BIRD.** Yellow as the bird itself.
Per packet, 25c
- CERBERUS.** Deep purple with white.
Per packet, 25c
- COPPER KING.** (Indian Summer), bronzy-copper.
Per packet, 25c
- DEFIANCE.** Scarlet of the most dazzling.
Per packet, 25c
- GOLDEN QUEEN.** Canary-yellow, rosy tube.
Per packet, 25c
- GOTELIND.** Light-copper, old-rose throat.
Per packet, 25c
- MARALDA.** Coppery-carmine, quite striking.
Per packet, 25c
- OLD GOLD.** Golden-orange, old-rose throat.
Per packet, 25c
- PURPLE KING.** Velvety dark garnet.
Per packet, 25c
- ROSE, THE.** As pure as the name implies.
Per packet, 25c
- RUBY.** Rich and velvety ruby-red.
Per packet, 25c
- SNOWFLAKE.** Perfectly white, very beautiful.
Per packet, 25c
- SPECIAL:** One packet each of the above 14 Maximum Giant-Flowered sorts, \$3.00.
- MIXED.** All the Giant-Flowered Tall varieties.
Per packet, 25c

CALENDULA (Pot Marigold)

One of the finest annuals for house decoration as well as garden display and more and more appreciated. Thrives in any good soil and will withstand several degrees of frost without injury. The selection of improved types we offer is exceptionally fine, with very large, quite double flowers on long stems, excellent for cutting.

RADIO. Latest and one of the choicest introductions, distinguished for its attractively-quilled petals and immense double blossoms of dazzling color. Flowers 3 to 4 inches across, of handsome form, and the richest orange conceivable—fairly radiating, whence the name. Their beauty is enhanced by an iridescent sheen. Radio blooms profusely and autumn sowing means stunning winter flowers every day, the rainiest included, to light up the whole garden. Very effective in masses and a gem for cutting, long-stemmed and lasting.
Per packet, 25c



Radio, Newest and Choicest Calendula

H. & S. ORANGE KING. Vivid shade of dark, rich golden-orange, with a glow under full sunlight which might be likened to burnished gold. Extremely large flowers, fully double, with the petals beautifully frimbriated. We can recommend this strain as one of the finest extant and a valuable subject for the winter garden.
Per packet, 10c

H. & S. LEMON QUEEN. Fitting companion to our Orange King, with very large blossoms, quite double, and uniformly rich lemon-yellow.
Per packet, 10c

BALL'S GOLDEN. Extra-fine type of Calendula which differs from Orange King in that the flowers are lighter-colored with longer stems, giving it special cutting value. Very large double blossoms with elegantly-arranged petals. Sow in autumn for winter and early-spring blooming or in early spring for summer flowers.
Per packet, 15c

MIXED. Including all the above.
Per packet, 10c

CAMPANULA

A delightfully-graceful perennial subject for border and bed, rockery or basket.

CARPATICA BLUE. An exquisite bell-shaped deep-blue flower, one of the daintiest of the family. Of low prostrate growth and bears profusely in early spring.
Per packet, 15c

CARPATICA WHITE. Identical with the blue form, but bearing beautiful pure-white flowers in enormous quantities.
Per packet, 15c

CANDYTUFT

GIANT HYACINTH-FLOWERED WHITE. Beautiful hyacinth-shaped spikes. Largest and best white grown. Candytuft is one of the most popular annuals to give beds and borders masses of summer color and this fine white brings out the values of the others.
Per packet, 15c

CARMINE. Very rich shade.
Per packet, 10c

FLESH PINK. Dainty color.
Per packet, 10c

LILAC. A clear mauve.
Per packet, 10c

MIXED. Good assortment.
Per packet, 10c

Howard & Smith

CANTERBURY BELLS

These charming old-fashioned hardy biennials, profusely covered with large bell-shaped flowers, are among the most beautiful of our spring plants and general favorites. Especially showy in shrubberies and mixed borders but attractive anywhere. We offer the Calycanthemum or Cup-and-Saucer class—blossoms of unusual size and handsome form—in separate shades of Blue, Rose, White and Mixed.

Per packet, 15c

CENTAUREA IMPERIALIS

(GIANT SWEET SULTAN)

Flowers of magnificent size in a wide range of colors characterize this highly-improved strain. Blossoms are sweet-scented, artistic but informal in shape, and elegant for cutting purposes, keeping well in water. They have a grace and charm distinct from those of all other plants and will thrive almost anywhere. These hardy annuals grow 30 inches tall.

AMARANTH-RED. New and fine. Per packet, 15c**BRILLIANT ROSE.** Soft rose-pink. Large flowers Per packet, 15c**LAVENDER.** A lovely shade. Per packet, 15c**PURPLE.** Imperial in color. Per packet, 15c**WHITE.** Of snowlike purity. Per packet, 15c**MIXED.** All of the above. Per packet, 15c

CENTAUREA SUAVEOLENS

(YELLOW SWEET SULTAN)

Practically the same as Centaurea Imperialis in general formation of bloom but bearing very showy large flowers of a bright and lovely pure yellow with a sweet scent and popular for cutting. Sometimes called Grecian Cornflower. Height 2 feet.

Per packet, 15c

CENTAUREA CYANUS

(DOUBLE CORNFLOWER)

Better known as Bachelor's Button and a well known old favorite now vastly improved, the following three being the finest forms obtainable. About 70 per cent, a large proportion, of perfectly double blossoms may be expected from our seed.

DOUBLE BLUE. Cornflower-blue. Per packet, 15c**DOUBLE ROSE.** Silvery-rose. Per packet, 15c**SILVER QUEEN.** Best double white ever introduced, with splendidly formed large snowy flowers.

Per packet, 15c

MIXED. All three colors. Per packet, 15c

CENTAUREA CANDIDISSIMA (DUSTY MILLER)

One of the most handsome dwarf bedding plants with foliage a uniform silvery white and of such even growth that a row looks as though sheared. Recommended for edging beds of dark-leaved or brilliant-flowered subjects. Our strain is unsurpassed. Height 12 inches.

Per packet, 15c

CINERARIAS

OUR WORLD-REOWNED STRAIN

Internationally recognized as the premier development in size, colors, compact habit of growth, vigor, freedom of bloom and other points, the Howard & Smith Prize Strain of Giant-Flowered Cinerarias has achieved world distinction. With individual blossoms measuring from 4 to 5 inches in diameter of common occurrence and some exceeding 6 inches, single petals 1 to 1½ inch wide, and a magnificent color range, these Cinerarias hold an unchallenged position. Only those who have seen them can have a conception of

their marvelous beauty. The many thousands of persons who viewed our exhibit in the Pasadena Flower Show last April and enjoyed the great collection of gem plants grown for seed at our Montebello Nursery can attest to their bewildering loveliness—bewildering in that there is no end of hues. The huge flowers are borne in immense trusses surmounting bold, dark-green foliage on low, compact plants of model form.

Cinerarias are elegant bedding plants for winter and early spring in California. They do best in situations partially protected from the sun, and if you are in a quandary as to what to place in that shady north border they offer the solution and will give unbounded satisfaction. They require rich soil, a liberal admixture of well-rotted manure in the beds, and copious supplies of water during dry weather.

In separate shades of Blue, Crimson and Carmine, and Salmon; also Mixed, per packet, 50c.

CLARKIA

Extraordinary improvement has brought this old-fashioned annual into favor that is merited. The easily-grown plants, growing 2 to 2½ feet high in sun or shade, bear long, slender, leafy racemes of very double flowers of lovely colors and splendid for cutting, all the buds opening in water.

ORANGE KING. Orange-scarlet. Per packet, 15c**WHITE PRINCE.** Pure white. Per packet, 15c**QUEEN MARY.** Rose-carmine. Per packet, 15c**ROSEA.** Fine bright rose. Per packet, 15c**VESUVIAS.** Fiery scarlet. Per packet, 15c**MIXED.** All above colors. Per packet, 15c

COLUMBINE (*Aquilegia*)

H. & S. NEW GIANT-FLOWERING

This is a grand strain of the giant long-spurred type in a color series of matchless beauty. These plants of airy grace and generous bloom are grown with extreme ease and the flowers are exquisite for cutting and garden color masses. Our selection of shades is practically fixed and a very high percentage will come true. Blossoms of superb quality and form. Among the loveliest of perennials.

BLUE SHADES. The splendid complete range from light to dark blue. Per packet, 25c**PINK SHADES.** Contains the choice tones from light pink to darkest rose. Per packet, 25c**SCARLET SHADES.** Very rich, ranging from light to dark scarlet and crimson. Per packet, 25c**MIXED.** All shades from pure white to pink, rose, red, yellow, crimson, blue and bi-colors. Per packet, 25c

COSMOS

An endless succession of bloom during an extended period is assured by these favorite summer and autumn-flowering annuals, of which we offer the finest strains procurable. Blossoms are exceedingly large and the colors very choice. We invite special attention to the new double types.

KLONDYKE. Orange-colored flowers, handsome and immense. Sow early, as it invariably blooms late in autumn. Per packet, 15c**LADY LENOX.** Bright rose. One of the new mammoth types that make such a splendid showing. Per packet, 15c**LADY LENOX WHITE.** Same type, pure white. Per packet, 15c**MAMMOTH EARLY-FLOWERED.** A grand selection in separate colors of Crimson, Rose, White, and Mixed. Per packet, 15c**NEW DOUBLE MIXED.** Blooms of beautiful form with a cushion-like center of short florets in many respects resembling the anemone-flowered chrysanthemums. Very free-flowering and 70 to 80 per cent double. All colors mixed. Per packet, 25c

CYNOGLOSSUM

A GRACEFUL ANNUAL

AMABILE. Myosotis Blue A decidedly attractive hardy annual recently introduced from China, of easy culture, and ideal for bedding as well as cut-flower purposes. Its blossoms are borne on graceful branches from 18 to 20 inches tall and if cut as they bloom there will be a succession of flowers the summer through. An interesting and pleasing subject.
Per packet, 15c



COREOPSIS GRANDIFLORA

Masses of golden-yellow flowers are borne throughout the major portion of the year by this hardy perennial, and they are decorative in the garden and splendid for cutting. Height 30 inches. Per packet, 15c

NEW GIANT DAISY

BELLIS PERENNIS MONSTROSA

A highly-improved strain remarkable for extra-large flowers and immense foliage. Come true from seed and blossoms attain a diameter of 2 inches and over. Particularly valuable for spring bedding.

WHITE. Pure white, huge.	Per packet, 25c
ROSE. Dainty pure rose.	Per packet, 25c
RED. Gigantic, rosy-red.	Per packet, 25c
MIXED. All colors.	Per packet, 25c

DELPHINIUM

(PERENNIAL LARKSPUR)

H. & S. HYBRIDS—BLUE SHADES. Though shades of blue are exceedingly rare in flowers there is hardly a tone that cannot be found in this choice strain of perennial Larkspurs. Our seed is saved from a magnificent collection—one absolutely unexcelled in quality—and the results are correspondingly fine. Among many other tones in the mixture are sapphire, turquoise, gentian and sky-blue. Larkspur are wellnigh indispensable as back-row flowers in the herbaceous border and invariably the most prized and conspicuous herbaceous plants in English gardens.
Per packet, 25c

BELLADONNA. The flowers of this splendid improved variety of perennial Delphinium are an exquisite sky-blue, borne on long, wiry stems, and particularly valuable for cutting. Blooms uninterruptedly from early spring until late autumn and the clumps last from season to season.
Per packet, 25c

BLUE BUTTERFLY. Handsome dwarf biennial growing about 18 inches high, with rich bright-blue flowers. This variety is easily grown from seed and blooms in a comparatively short period after sowing.
Per packet, 25c

AZURE FAIRY. Fine companion to Blue Butterfly, being a dainty dwarf biennial that attains a height of about a foot. Flowers are a distinct azure-blue and freely produced from early spring to late autumn.
Per packet, 25c

DIGITALIS (Foxgloves)

THE SHIRLEY. A strain of incomparable quality and a wonderful improvement on the older types—the result of many years' careful reselection. The stems grow 5 to 7 feet tall, that portion covered with flowers often attaining the remarkable length of 4 feet. Blossoms of enormous size, ranging in color from pure white to deepest rose, beautifully blotched and spotted dark-maroon, crimson and chocolate, making a glorious show. Per packet, 25c

Graceful Cynoglossum—Forget-Me-Not Blue

GLOXINIA-FLOWERED, White. This and all the other gloxinia-flowered are the giant type, resembling the blossom for which they are named in shape and in being handsomely spotted. Per packet, 15c

GLOXINIA-FLOWERED, Rose. Ground color a rich shade of rose.
Per packet, 15c

GLOXINIA-FLOWERED, Purple. Deep-purple as the ground color.
Per packet, 15c

GLOXINIA-FLOWERED, Mixed. Giant flowers in various colors.
Per packet, 15c

DIANTHUS CHINENSIS

IMMENSE FLOWERS, MANY COLORS

EXTRA-CHOICE DOUBLE MIXED. A magnificent strain of double-flowered Chinese Pinks embracing a wonderful range of colors, from purest white to darkest crimson, with all the intervening shades of salmon, pink, rose, bright scarlet, and many bi-colored blossoms of handsome two-tone effect. Many are beautifully striped and penciled, presenting a bizarre appearance. The flowers are of immense size, the petals deeply dentate and fringed after the manner of a choice Carnation. Our strain is not to be confused with the ordinary double Dianthus generally grown. Sown at this season they will give you a wealth of lovely, long-stemmed flowers for early-spring cutting. Per packet, 25c

GIANT-FLOWERED DIANTHUS CHARMING DOUBLE FRINGED

"IMPERATOR" STRAIN. This is a truly regal strain of double fringed Dianthus characterized by the marvelous size of its flowers, equalling in many instances those of the largest types of Carnations. The blossoms are exceedingly full and double, with

petals deeply laciniated and the whole effect charmingly lacelike. The color range is most comprehensive, shading from pure white to pink, crimson, etc. The plants are strong growers and attain a height of 15 inches when in full bloom. They have special value for cutting purposes and rank equally high for their bright bedding effect when massed in the garden. We thoroughly recommend this strain as one of the best extant. Per packet, 25c

DIANTHUS NOBILIS RUFFLED AND INFORMAL

LARGE-FLOWERED SINGLE. A singularly beautiful type. The flowers are strikingly marbled and blotched—crimson on a salmon ground and white on crimson, while others are a pure self-tone extending from elegant white through all the intervening colors to dark crimson and maroon. On many of the blossoms the petals have a ruffled contour which greatly enhances the beauty and informality of the flowers. Per packet, 25c

Note: These lovely garden plants, biennials which can be treated as annuals, and so easily raised from seed, are more or less overlooked and should be more extensively grown. The three varieties we offer above are of superb quality and represent the greatest advance made in the improvement of this old-fashioned garden subject up to the present. We unhesitatingly recommend a trial planting because we believe it will give satisfaction.



Dianthus Chinensis, Immense Double Pinks

DIMORPHOTHECA
An attractive South African annual, comparatively new here, producing daisy-like flowers $2\frac{1}{2}$ inches across in abundance. Grows a foot high and blooms within a few weeks after sowing.

AURANTIACA. Glittering orange with brownish center disk. Per packet, 10c

AURANTIACA HYBRIDS. An extra-choice new series offering shades from the purest white to orange, yellow, red, salmon and intermediary. Per packet, 15c

GAILLARDIA

H. & S. PRIZE HYBRIDS. Our own magnificent new strain of perennial Gaillardias bearing enormous beautifully-marked flowers in a wide range of striking colors. Blossoms are single or semi-double, with the edges of the petals charmingly fringed or ruffled, and of remarkable size, frequently 5 inches or over in diameter. Mixed colors, including pure-yellow selves, bright rich orange, attractive zonings of orange and yellow, bronze grounds tipped yellow, and other departures. A wonderful garden decorative and a splendid cut flower, lasting for days. Per packet, 25c

LORENZIANA. An annual variety with large double flowers in a fine assortment of colors. Mixed. Per packet, 10c

GERBERA

(TRANSVAAL DAISY)

H. & S. PRIZE MIXED. The finest strain of these beautiful flowers in a wonderful color range, shading from white through cream to yellow and orange and from flesh-pink to rich crimson, as well as salmon shades. Readily grown from seed, blooming the first season after sowing. They are unexcelled as cut flowers, keeping over a week in water, and harmonizing in any setting. This extra-choice mixture includes practically all colors. Strong perennial, increasing from year to year. Per packet, 50c

GEUM

MRS. BRADSHAW. Of recent introduction and one of the most meritorious perennials brought out in years. Flowers of brightest scarlet, large, quite

double, and profuse throughout the entire summer. Unexcelled for cutting. Height 18 inches.

Per packet, 25c

LADY STRATHEDEN. New double-flowering variety similar in size and form to the above but bearing rich golden-yellow blossoms. Per packet, 25c

GODETIA

These easily-grown showy annuals of beautiful colors merit far more attention than is accorded them. They produce a veritable blaze of bloom in the garden over a long period, and it would be difficult to find anything more conspicuous than clumps of them. The graceful sprays are elegant for cutting, the blossoms being rich and of satiny texture, and keeping a week. At home in sun or shade and do best in rather poor soils.

DOUBLE CRIMSON. Splendid flowers in a very glowing crimson shade. Per packet, 10c

DUCHESS OF ALBANY. Elegant silvery-white and daintily pretty. Per packet, 10c

GLORIOSA. Deep blood-red. A very fine compact bedding variety. Per packet, 10c

DOUBLE ROSE-CARMINE. Delicate rose-pink with carmine center. Per packet, 10c

DOUBLE BRIGHT ROSE. Charming and quite distinctive new shade. Per packet, 10c

LADY SATIN ROSE. Rich rose color. Fine companion to Gloriosa. Per packet, 10c

WHITNEYI COMPACTA. Splendid deep carmine-rose. Brilliant effect. Per packet, 10c

MIXED. Including all the varieties in the collection as above. Per packet, 10c

ESCHSCHOLTZIA (CALIFORNIA POPPY)

TWO GRAND NEW ACQUISITIONS

AUTUMN GLORY. A magnificent double of extraordinary size and richest coloring—the outside of the petals a brilliant orange-crimson and the inside coppery-orange. The beauty of this remarkable new creation is enhanced by a decided doubling and frilling of the petals. The plants are vigorous growers, attaining a height of 18 inches to 2 feet.

SUNLIGHT. This is a gem well named, its color being a true, deep yellow of a clearness and purity not heretofore seen—a perfect tone of canary-yellow both inside and outside the flower. The blossoms are very large and borne on stems of great length, while the plants are vigorous and exceedingly floriferous. An equally valuable acquisition as that above.

Either of these outstanding novelties, per packet, 50c.

GIANT ORANGE SCARLET. One of the handsomest of all the types, a luminous shade of rich orange-scarlet and exceedingly large flowers.

Per packet, 25c

MANDARIN. Bright orange shaded with crimson. One of the most beautiful and novel sorts.

Per packet, 25c

GOLDEN WEST. Deep rich yellow with an intense orange center. Enormous blossoms. Per packet, 10c

CARMINE KING. Flowers a distinct shade of bright carmine-rose. An extra-good variety.

Per packet, 10c

WHITE. Creamy white, select. Per packet, 10c

MIXED. Good range of colors. Per packet, 15c

GYPSOPHILA

These blossoms, though in themselves somewhat insignificant, are valuable because they tend to give a graceful, airy and feathery effect to flower arrangements of all kinds, being especially effective as a decorative accompaniment to sweet peas, carnations, etc. Individual blooms are quite small, but they are produced in great abundance in panicles.

ELEGANS GRANDIFLORA. Pure white, large-flowered. Will bloom within a few weeks from the time seed is sown. Annual. Per packet, 10c

PANICULATA. Hardy perennial with smaller blossoms than Grandiflora but equally effective for cutting purposes.

Per packet, 15c

LINARIA MAROCANA

EXCELSA HYBRIDS. Dwarf Linarias in a wonderful range of colors—a splendid strain. Small flowers like miniature larkspurs, densely borne on slender stems, they make veritable masses of color when in full bloom. Exquisite in beds or borders.

Per packet, 15c

LINUM (Flax)

GRANDIFLORUM RUBRUM. Elegant free-flowering bedding annual with masses of brilliant scarlet-crimson flowers that attract immediate attention. Easily grown. Height 15 inches. Per packet, 10c

ROSEUM. A fine rose-red. Per packet, 15c

PERENNE BLUE. Bright-blue flowers. Grows 2 feet tall. Perennial. Per packet, 10c



Grand New Eschscholtzia, Autumn Glory

HOLLYHOCK

SUPERB TYPES AND COLORS

DOUBLE EXQUISITE. This Hollyhock—a grand new strain—will delight lovers of the old-fashioned flower in its most modern and elegant form. The blossoms are very large, charmingly bright and fresh in color, and beautifully fringed and frilled or deeply dentate. Their loveliness is enhanced by the evenness with which they are placed on tall, stately spikes. In this appropriately-named strain much of the stiff effect of the older types is lacking. Double Exquisite carries our highest recommendation. Per packet, 25c

Ours is a superb strain of the finest types of double Hollyhocks extant, in clean, decided colors. Sown in the fall the seed will germinate when the rains come and bloom all the next summer and autumn. As back-row plants there is nothing more attractive.

BLOOD RED. Fine, glowing red. Per packet, 15c

DOUBLE ROSE. A glorious shade of pure rose-pink. Huge flowers. Per packet, 15c

FAUST. Richest dark-maroon. Per packet, 15c

NEWPORT PINK. Glistening pink. Per packet, 15c

WHITE. Pure snow-white, lovely. Per packet, 15c

WHITE SHADING TO PINK. Handsome. Per packet, 15c

YELLOW. Bright as virgin gold. Per packet, 15c

DOUBLE MIXED. All above colors. Per packet, 15c

LUPIN

NEW REGAL PERENNIALS

POLYPHYLLUS HYBRIDS. The hardiness of these perennial Lupins and their adaptability to so many purposes in garden ornamentation makes them exceedingly valuable. Handsome spikes of delicately scented flowers are produced throughout a long season. These hybrids are the result of many years' painstaking crossing and selection, and the mixture blue, lilac, pink, etc. Per packet, 15c

LARKSPUR

DOUBLE STOCK-FLOWERED

Among the best-known of annual garden flowers, and greatly improved in recent years in size and color of blossoms and habit of plant. They are quite hardy and produce during a long period graceful and attractive spikes of bright bloom. Splendid for mass effects in borders or for bedding, a grouping of the various shades adding to the charm of any garden. Stand well when cut and are lovely vase subjects.

GLORIOUS QUARTET OF NEW LARKSPURS

The greatest advancement that has been made in the new and valuable tall double Stock-flowered upright or Delphinium type of Larkspurs is represented in the following group of supreme novelties. All are exceptionally beautiful and meritorious in every respect. They are magnificent garden decoratives and splendid, lasting cut-flowers:

CARMINE KING. First of the deep carmine-rose shades in the type, fully true in form and color, and just the right tone to be markedly showy. The flowers are extremely double, large, and from the manner in which they are placed give the impression of Delphinium spikes. The latter are of great length, and even the numerous laterals may be cut up to 2 feet long. Free-blooming.

LA FRANCE. Large, well-formed double flowers of a pleasing shade of salmon-pink, evenly placed on long stems, and highly attractive. Vigorous in growth and floriferous, it produces many laterals from the crown stem, each a fine spike of blooms. Like the others here listed La France has healthy, handsome green foliage.

LOS ANGELES. Of practically the same growing habit as the preceding but with a richer color and foliage a much darker green, which makes the blossoms stand out more prominently. An overlay of brilliant rose on the salmon ground brings about the difference in shade. Both Los Angeles and La France are particularly lovely in artificial light.

MISS CALIFORNIA. The latest development in the type and indeed a gem. The color is a marvelous deep pink on a salmon ground and decidedly effective in any light. Miss California is the most distinctly Delphinium-like of any variety yet introduced. An elegant acquisition to the fascinating new class of Larkspurs.

Any of the above important novelties, per packet, 25c; **SPECIAL OFFER**, the set of 4, 75c.

EXQUISITE PINK IMPROVED. A new strain with a wonderfully improved form and exquisite in color—a much-wanted beautiful soft-pink shaded salmon. Comes practically 100 per cent true. Similar to the perennial delphiniums in upright habit. Flowers most charming when cut and equally effective in the garden. Per packet, 25c

AGERATUM BLUE. Unusual shade. Per packet, 15c

LILAC. A very beautiful tone. Per packet, 15c

MAUVE-ROSE. Appealing blend. Per packet, 15c

TRI-COLOR. Oddly variegated. Per packet, 15c

VIOLET. An elegant shade. Per packet, 15c

ROSY-SCARLET. Warm color. Per packet, 15c

VIOLET-PURPLE. Effective. Per packet, 15c

WHITE. Exceedingly pure. Per packet, 15c

MIXED. Full color range. Per packet, 15c



La France, One of the Lovely New Larkspurs

MIGNONETTE

Without a bed of this well known fragrant favorite no garden is complete. The different varieties give a pleasing effect when arranged in a large bowl, and the sweet perfume is delightful in the house. Should be sown in drills, covered $\frac{1}{8}$ inch with fine soil, and the seedlings thinned to a foot apart when 1 or 2 inches high because they cannot be transplanted readily. Height 12 to 18 inches.

GOLDEN QUEEN. A beautiful yellow. Per packet, 15c

GOLIATH. Very large-flowered, of strong compact habit with rich dark-green foliage. The giant trusses have a rich reddish cast and are borne on erect, strong, stiff stalks. Surpasses all others in brilliancy of color. Per packet, 15c

MACHET. Dwarf, pyramidal form, large blossoms, free-flowering, very fragrant. Per packet, 10c

Howard Smith

MYOSOTIS

(FORGET-ME-NOT)

The lovely early-spring Forget-Me-Nots are much admired in all their colors, from the pale-blue of the Dissitiflora type to the deep-blue Alpestris, the white and the rose shades. Especially useful for bedding or borders in connection with pansies, spring-flowering bulbs, etc. Height 10 inches.

DISSITIFLORA. Superb pale sky-blue.

Per packet, 15c

ALPESTRIS, Blue. Of deepest blue

Per packet, 15c

ALPESTRIS, White. Very pure white.

Per packet, 15c

ALPESTRIS, Rose. Handsome light-rose.

Per packet, 15c

NEMESIA

A very pretty South African annual which does best in a cool position. The plants grow about a foot high and the flowers are orchid-like. Easily raised from seed and good either for spring or autumn bedding.

BLUE GEM. Forget-Me-Not blue. Per packet, 15c

MIXED HYBRIDS. A choice strain of many colors—from pale yellow to pink, white, orange, scarlet, rose, etc.

Per packet, 15c

NEMOPHILA

IN SIGNIS. (Baby Blue Eyes) Nemophila is one of the oldest and best hardy annuals and will grow in almost any soil. Beautiful bright blue. Height 6 inches.

Per packet, 10c

PANSIES OUR GIANT BEAUTIES

H. & S. SPECIAL GIANT. This is a strain that challenges comparison. We have not seen its equal and our customers everywhere report these Pansies the largest and most beautiful they have ever grown. Giants in size as well as in name, the strain has developed flowers excelling those of previous years, and their value has been enhanced by a wider range of colors, some absolutely unique.

Though amazingly floriferous well-grown plants bear blooms 3 inches and over in diameter. The mixture contains marvelous solid colors and combinations—blue and purple and near black with golden eyes; maroon and rose; bronze and orange; brown, violet and yellow; pink and white and numerous other bizarre and lovely contrasts. Form and texture are superb. Beds or borders of these will arrest the attention of everyone within sight during their long blooming season. Having long stems they are also desirable for cutting purposes, lasting extremely well.

Per packet, 50c

PARISIAN MIXTURE. Giant-flowering Pansies of a lovely strain, running to shades of yellow spotted black, blue on yellow ground, lavender, purple and many other tones. All the blossoms are variously blotched and handsome. This strain is of very high quality but quite distinct from the H. & S. Special Giant mixture. These French Pansies are comparatively free seeders.

Per packet, 25c

PYRETHRUM AUREUM (GOLDEN FEATHER)

An attractive, well known plant with bright-yellow, fernlike foliage, exceedingly useful for edging and carpet bedding. Easily raised. Six to 8 inches.

Per packet, 10c



Blue Gem, Lovely Orchid-Like Nemnesia

PHLOX Annual

Annual Phloxes have been developed to the point where they produce flowers as large as those of the perennial border species and in an even better and more varied range of colors. In gardens where masses of bloom are desired nothing can equal the display these will make; and since they will withstand rough treatment and give results under conditions which most plants could not survive they are adaptable almost anywhere.

GRANDIFLORA Mixed. An exceedingly choice strain containing a wide range of colors. Height 12 inches.

Per packet, 15c

NANA COMPACTA FIREBALL. Deep red, and the handsomest dwarf bedding Phlox in existence. Height 8 inches.

Per packet, 15c

NANA COMPACTA SNOWBALL. Pure white dwarf. A fine companion to the above.

Per packet, 15c

POPPIES

FINEST OF TYPES

CARNATION-FLOWERED. Splendid strain of perfectly double annual Poppies with blossoms beautifully fringed and resembling in general appearance giant-flowered carnations. A splendid mixture of all colors from pure white through the various shades of soft pink, rose and red. Per packet, 15c

PEONY-FLOWERED. Largest flowered of all the annual species of Poppy. Blooms are of enormous size, perfectly double, and charmingly fringed. A very wide range of colors is represented in this mixed strain.

Per packet, 10c

RANUNCULUS-FLOWERED. A beautiful race of Poppies strongly resembling the ranunculus, having bright double flowers with thin paper-like petals. Comes in a good range of fine colors, both selfs and

combinations, and makes a brilliant display. Annual, growing 2 to 2½ feet tall. In separate colors and combinations as follows: Red Edged White, Dark Red, Rose, Scarlet, Scarlet Edged White, Slate Gray, White, and Mixed. Per packet, 15c

ELDORADO. As lovely a strain as ever has been introduced and which might be regarded as an improvement over the Shirley type. All the colors are markedly fresh and bright and a bed in full bloom is a magnificent sight. Lovely shades of orange-salmon, soft shell-pink, orange-scarlet, terra cotta and dazzling white are prominent in the unusual color series of this strain. Occurring both in double and semi-double forms, the flowers possess a grace and beauty of appeal to everyone. We offer a splendid mixture containing all the colors, with a high percentage of doubles. Per packet, 15c

GLAUCUM (TULIP-FLOWERED). Single-flowered, tulip-like and handsome, in color a gorgeous scarlet. An annual variety quite unlike the others.

Per packet, 15c

ICELAND—NEW SUNBEAM STRAIN. A superb recent development of the hardy perennial Iceland Poppy species that delights all who see it. Of dwarf habit, the plants form dense clumps from which issue long-stemmed flowers in various shades of orange, orange-scarlet, lemon, maize and white. The foliage is bright-green and fern-like. The blossoms, picked in bud, are most useful for cutting, possessing good keeping qualities. Profuse bloomers. Sow seed in autumn for late-winter and early-spring flowering. Mixed. Per packet, 25c

POLYANTHUS

These early-spring-flowering subjects are often referred to as primroses. They produce immense quantities of brilliantly-colored heads of bloom and are daintily beautiful. Particularly suited to shady beds or borders and serve well as pot plants for window or interior decoration. We offer a fine strain containing numerous colors, white, yellow, bronze, red, etc. Mixed. Per packet, 25c

SCHIZANTHUS

WISETONENSIS. One of the finest strains in existence of this pretty half-hardy annual which is amenable to a variety of uses. Schizanthus makes an ideal outdoor bedding plant in the climate of Southern California, and it can be grown in pots in greenhouses and brought into bloom in winter and spring when there is a scarcity of flowers. Airy, dainty blossoms, white dotted with rose. Profuse bloomer. Per packet, 15c

STATICE (Sea Lavender)

Of exceptional merit as picturesque plants for the border, the Statices are also popular for their abundance of light, graceful, delicately-colored flowers splendid for mixing in bouquets. Retaining their colors perfectly they are good for drying and winter decorative uses in colder climates. Should be planted in rather sunny locations.

CASPIA. Among the very best for use in bouquets, holding its blue color indefinitely in a cured state. An easily-grown perennial. Per packet, 15c

LATIFOLIA. Purplish-blue flowers. A perennial variety growing 2 to 3 feet tall. Per packet, 15c

PEREZII. A perennial species and one of the most impressive Statices grown. Has handsome broad, dark-green foliage surmounted by immense branching heads of bright-blue flowers. Striking in garden effect and fine for cutting. Per packet, 15c

SINUATA. A distinct class of the annual sea lavender and peculiarly adapted for mingling in bouquets. In separate colors of White, Blue and Mixed. Per packet, 15c

STOCKS

GRAND TYPES, MANY COLORS

GIANT BISMARCK. Noted for immense flowers, blooming period of exceptional length and high percentage of doubles, and undoubtedly the best type of all Stocks. A strong grower and free branching it yields an abundance of showy, highly-fragrant bloom and is essential to make the spring garden complete. The seed we offer is our own giant strains and therefore of top quality. Stock seed comes only from single flowers, the double being absolutely sterile, hence a percentage of singles must always be expected, varying in the different colors; but our seed may be relied upon to yield full 60 to 70 per cent of fine double blossoms on fine spikes for cutting. Attain a height of 2 to 3 feet.

Separate colors of Appleblossom, Blood-red, Canary-yellow, Chamois, Chamois tinted rose, Dark lavender, Lavender, (silver-lilac) Purple, Rose, Salmon-pink and White; also Mixed.

DWARF BEDDING STOCKS

EMPRESS ELIZABETH. Handsome variety growing about 15 inches tall. Fine spikes of blooms surround the compact plants. Soft, silvery rose-pink.

WHITE LADY. Fitting companion to the foregoing kind, differing only in that it is pure white.

BROMPTON STOCK

Of compact, bushy habit of growth and free-flowering. Blossoms are an exquisite clear rose shade, with stems 12 to 14 inches long, excellent keepers and therefore good for cutting. A cut-and-come-again Stock. Very high percentage of doubles.

Seed of any of the above Stocks, per packet, 15c; 6 packets for 75c.

SWEET WILLIAM

Wonderfully colorful and showy in early spring, fine cut-flowers, and of easy culture, Sweet Williams are among the most important and highly esteemed of all hardy garden plants. The new varieties bear immense long-stemmed heads of dainty blossoms. Always very striking in beds of mixed colors or in harmonizing shades. Should be sown yearly. Height 18 inches.

COPPERY-RED. An impressive novelty bearing masses of bloom of a color comparable only with that of burnished copper. Free-flowering and handsome. Per packet, 25c

GIANT AURICULA-EYED Mixed. An elegant strain, remarkable for individual size of trusses and blooms. Centers of flowers pure-white zoned with various shades of crimson, pink, rose, etc. A selection of French origin and one of the best. Per packet, 25c

GIANT AURICULA-EYED Maroon With Scarlet Eye. Same as the above excepting in color. Maroon and scarlet form a rich combination. Per packet, 25c

DOUBLE Mixed. A decided improvement of French origin. Robust plants of bushy habit producing numerous stems surmounted by immense umbels of large full-double flowers. Colors extremely varied. Per packet, 15c

LA NIEGE Double White. Same type as the above but blossoms pure-white. Per packet, 15c

SCARLET BEAUTY. Bright salmon-scarlet. Fine and showy. Per packet, 15c

TURKISH-RED. A wonderful color and sheen that is not to be noted in any other flower. Otherwise similar to Coppery-Red. Per packet, 15c

Sweet Peas

H. & S. SELECTED FINEST NOVELTIES

SWEET PEAS have deservedly won so strong a position in popular favor that they are rivalled by few of the annual flowers and a garden without them lacks a most essential subject. Their exquisite beauty and fragrance, together with splendid keeping qualities, make them invaluable for cutting, especially during winter and spring. This season we are able to offer the finest early-flowering novelties ever brought out—new types of immense size, handsome form and glorious colors.

Out of the innumerable varieties in commerce and constantly augmented we scrupulously select those which are in all respects representative of the very best and our customers have learned that by relying upon our judgment they can obtain thoroughly-satisfactory results. Those listed here may be regarded as the finest available. Our seed is hand-picked, plump, sure to germinate, true to name and description and put up in liberal packets.

EARLY ALAMEDA. A novelty of unusual merit certain to be received with enthusiastic acclaim because of its charming color and good points generally. Deep rose-pink, almost approaching cerise, overlaid with glowing salmon-cerise-pink—all on a white ground and therefore the brighter. The wings carry a more intensified suffusion of salmon than the standard, but the color throughout is clear and evenly laid on. Wonderful in any light and highly effective in sun or in artificial illumination, where a bunch of Early Alameda seems to sparkle with added brilliance. Wavy and crinkled petals add to the grace of the large flowers, which are well placed, usually in fours, on long stems.

Per packet, 50c

EARLY DUPLEX GEM. Everything that its name implies and praised by everyone who has seen it. A distinctly-lovely color—soft rose-pink flushed on a light-cream ground. The blossoms are characterized by enormous size yet they are beautifully airy and frilly; the effect of hugeness coming from the admirable duplexing of the standard and sometimes even the wings. These giant flowers are of great daintiness. The vines are not heavy but bear a profusion of blossoms on good stems during a long period.

Per packet, 50c

EARLY DUPLEX PIONEER. Unusually frilled, this feature being so marked that the large flowers appear double. As a matter of fact they actually are double in many instances, with three or four standards and extra wings. Rose-pink on a cream ground, the color quite uniformly spread over the standard and wings, and producing a lovely effect which is much enhanced by the frilliness of the blossom. The vines are vigorous and bear freely. Four strikingly-duplexed blooms on one long stem are of common occurrence.

Per packet, 50c

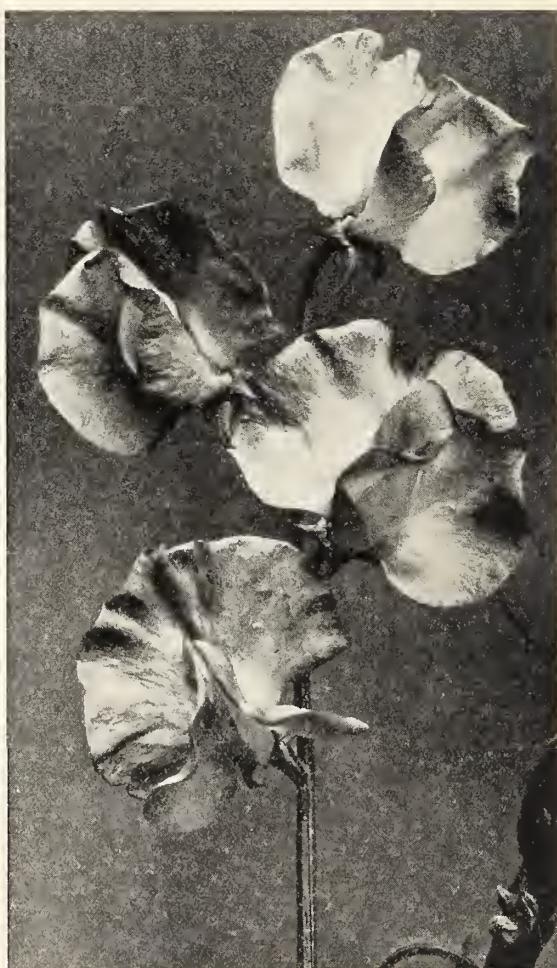
EARLY FORTYNINER. Deep yet bright true orange shade and of magnificent effect in bouquets. Standard and wings alike in richness of hue. A novelty of special value, the result of a cross made for vigor and length of stem, with strong, green vines. Flowers large and bold, frequently with double standards, and splendidly spaced on long stems—usually four to a stem. This excellent novelty is the first of its color to make such sturdy growth and bloom so freely.

Per packet, 50c

EARLY MARINE. Clearest of all the blues in any Sweet Pea class, true and quite deep. This fascinating color is carried evenly on standard and wings throughout the entire flower. Of extreme size, the largest blue in existence, the standard measuring fully $2\frac{1}{4}$ inches across. Bold blossoms, nicely spaced on very long, strong stems. Plants of exceeding vigor and prolific, giving blooms in great abundance over an extended period. Certificate of Merit, International Flower Show, New York.

Per packet, 50c

EARLY WHITE HARMONY. A black-seeded Sweet Pea of the purest white and a long-awaited novelty. Germinates readily and is a fine grower, the plants being vigorous from the start. The flowers are immense, of grand substance, and exceptional keep-



Early Alameda, Charming Novelty Sweet Pea

ing qualities, with long stems. True paper-white. In every way a variety of distinction.

Per packet, 50c

SPECIAL OFFER: One packet each of the above 6 novelties, postpaid, \$2.50.

TWELVE FINE VARIETIES

These Giant Winter-Flowering Spencers represent the cream of this class of annuals. They are the early-blooming type and without peers for furnishing elegant winter blossoms:

AMETHYST. Royal purple, a brilliant and telling shade seen in no other flower. Per packet, 25c

ALL WHITE. As pure a tone as the name indicates and an exceedingly prolific kind. Per packet, 25c

Howard Smith

AVIATOR. Splendid, glowing crimson. One of the gems of this collection. Per packet, 25c

FAIR MAID. Blush pink in an exquisite shade, desirable for blending with other varieties. Per packet, 25c

GLITTERS. Fiery orange-salmon, unique and beautiful. Large flowers, handsomely waved. Per packet, 25c

GRENADIER. Dazzling scarlet, a fiery red that radiates warmth and color. Per packet, 25c

HARMONY. True lavender, uniform throughout a large flower of fine shape and substance. Per packet, 25c

MRS. KERR. Salmon-coral, a lovely and distinctive tone. Sensational in effect. Per packet, 25c

NEW BLUE. Deep lavender-blue, particularly fine for mixing with any of the lighter shades. Per packet, 25c

ROSE CHARM. Very bright and one of the finest of all rose shades. Per packet, 25c

SPRING SONG. Clear salmon-pink on a cream ground, with a rich sheen. Large, graceful flowers. Per packet, 25c

ZVOLANEK'S ROSE. A giant-flowered rose-pink and an outstanding variety for good qualities. Per packet, 25c

H. & S. PRIZE MIXED. A well-balanced combination of the above excellent types. Per packet, 25c

SPECIAL OFFER: One packet each of the above 12 choice varieties, (Mixed not included) postpaid, \$2.50.

SCABIOUS

ADMIRABLE NOVELTIES

H. & S. IMPROVED AZURE FAIRY. True light blue, a pure, uniform shade without the white that manifests itself in ordinary varieties. Blossoms of enormous size, perfectly double and of ultra-refined form and finish—a great improvement throughout. Aside from all other wonderful qualities its color makes it highly desirable because of the rarity of blue flowers generally.

PEACH BLOSSOM. An especially beautiful new variety and the best of its color for outdoor attractiveness and cutting purposes—a warm shade of rose that is a delight in the garden but even more rich and handsome in the glow of artificial light. Giant flowers of admirable form.

SHASTA. Finest white ever introduced and a conspicuous and worthy companion to the two preceding varieties. As pure in tone as the snow on the mountain for which it is named. Mammoth blossoms, fascinating in bouquets or for whatever purpose used.

Per packet, 25c. **SPECIAL,** one packet each of the three novelties, 50c.

Sweet Scabious is without question one of our most beautiful and useful garden subjects, attractive and showy outdoors and particularly desirable for bouquets. The old-fashioned popular biennial has been vastly improved, is hardy, and may be cut back after flowering, when a new crop will follow. Especially good for winter and spring, providing splendid decorations for use indoors when other blossoms are scarce. The color range of these "Grandmother's Pin Cushions" is impressive, embracing both the richest and the most delicate shades. Their easy culture, extended blooming season and other good qualities make them a real home essential. They grow tall



Frilled Sweet Pea—Early Duplex Pioneer

and the exquisite blooms, particularly of the novelty types, are huge, long-stemmed, very lasting, and charming for vases and table decoration. Our collection of distinct and lovely kinds, all very full double high-centered flowers up to 2½ inches in diameter, is complete.

The following six are double Scabious of fine colors:

AGERATUM-BLUE. Soft yet pronounced shade and strikingly effective in these large flowers.

REDDISH-BLACK. Deep, velvety, so dark that it stands out in bold contrast among all the others.

DEEP-ROSE. A rose tone of extraordinary richness and a favorite for cut-flower purposes.

LILAC-ROSE. An exquisite color—light rose with lilac tint—pleasing for home-decorative uses.

SULPHUR-YELLOW. The most delicate tint of yellow in a blossom of fine size and decided effectiveness.

AMARANTH-RED AND WHITE. Warm red with occasional breaks of white, a combination of charm. Any of the above six separate colors, per packet, 15c.

SPECIAL, the collection of six, 75c. **MIXED,** per packet, 15c.

*Howard Smith***HOWARD & SMITH FLOWER SEEDS**

Are of the highest quality it is possible to produce and it is our policy to send them out in generous packets. We want every customer to have his money's worth in full both as to quality and quantity.

SCABIOSA CAUCASICA**LOVELY NEW HYBRIDS**

A magnificent new strain of hybrids of the Caucasica type with beautifully-frilled both single and semi-double flowers in a color series of matchless beauty. Exquisite shades of sky-blue, lavender, grayish-blue, dark-blue and white are among the many to be noted. Blossoms enormous, with a distinct grace and delicacy in their lace-like appearance, and gems for cutting. Well-established clumps bloom season after season, from midwinter right on through spring. A highly meritorious introduction among perennial plants. Mixed.

Per packet, 25c

THALICTRUM

DIPTEROCARPUM. A handsome herbaceous perennial as yet comparatively little known, though a real gem among garden ornamentals. Its dainty, graceful sprays of minute blossoms, varying from mauve to deep-blue in color and brightened with light-yellow centers, are elegantly arranged on very long stems and invaluable for cutting and mixing with other blossoms. The plants grow 6 feet tall or over and are charming subjects. Easily raised from seed.

Per packet, 25c

Don't for Autumn

DON'T purchase seeds and sow them in a haphazard fashion. Whatever you do is worth doing right. You can then count on results.

DON'T throw this bulletin away. Read its contents carefully. If you are interested in securing good results in your gardening operations it will aid you.

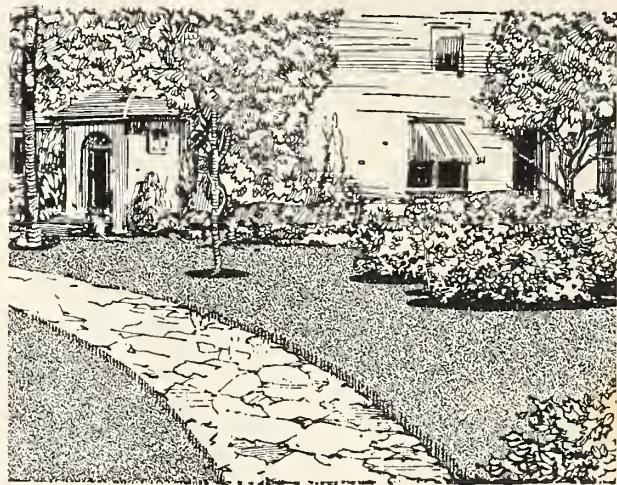
DON'T overlook the new Winter-flowering Sweet Pea novelties offered elsewhere in this bulletin. They are magnificent types.

DON'T plant Stocks, Snapdragons and various other annuals intended for Winter blooming in beds where the drainage is not perfect, because damping off may follow. A good plan is to raise the bed above the surrounding area 5 to 6 inches.

DON'T plant Sweet Peas in a position where they will not receive full sun. Shade for even a portion of the day is detrimental to their best development, and in dull weather mildew will manifest itself on the plants.

DON'T fail to make a planting of Hollyhocks during the Autumn season. Plants set out at this time, or a sowing of seeds, will insure a splendid display of bloom at the proper time, i. e., late Spring and Summer.

DON'T forget that bulbs should have well-prepared beds. Use plenty of manure, fork them over, and wet several times. A good sweet soil will be the result, besides which it will assist in destroying insect pests.

Vigoro for Sure Growth!

To restore the color to lawns and maintain them a rich, velvety green; to keep plants luxuriant and strong and flowers beautifully blooming and fragrant; and to nourish shrubbery and trees and develop splendid root systems and fine foliage, we confidently recommend VIGORO, the Perfect Plant Food.



Vigoro, a Swift & Company national product manufactured in Southern California, is properly balanced, supplies all the elements required, and brings not only immediate and certain, but lasting results. It is clean, odorless, easily applied, and the cost comparatively small—10 to 20 cents per 100 square feet of lawn, for example.

Vigoro supplies the correct nourishment needed for maximum growth, production and beauty. A boon to plant life and to lovers of plant life. Vigoro means Grow!

PRICES:

100-pound bag, \$6; 50 pounds, \$3.75; 25 pounds, \$2;
5-pound carton, 60c.

Complete directions in every container.

SOLD IN ANY QUANTITY BY

Howard Smith

1200 Beverly Blvd.

*Howard Smith**I N D E X*

BULBS AND PLANTS

Page	Page		
Agapanthus	13	Ismene	8
Aquilegia	13	Leucojum Vernum	8
Amarcrinum Howardii	2	Lilies of the Orient	9
Amaryllis	2	Lily of the Valley	8
Anemone	2	Montbretias	10-11
Begonia	13	Morea	22
Bleeding Heart	13	Ornithogalum	6
Boltonia	13	Pansies	20
Callas	13	Pentstemons	20
Campanula	13	Phlox, Perennial	21-22
Chinese Sacred Lily	2	Physostegia	22
Cinerarias	13-14	Pinks, Allwood	23
Clivia	14	Polyanthus	22
Coreopsis Lanceolata	14	Primula	23
Crinum	6	Ranunculus	9
Cyclamen	14	Scabiosa Caucasicica	23
Daffodils	3-6	Shasta Daisies	23
Dianthus Plumarius	14	Snapdragons	24
Digitalis	14	Sparaxis	2
Dutch Iris	6	Spiraea	23
Freesias	6	Statice	23
Gaillardia	14	Sternbergia Lutea	8
Gerbera	20	Stocks	24
Gerbera, New Double	40	Sweet William	24
Gladiolus	7	Thalictrum	24
Hemerocallis	20	Tulips	11-12
Hyacinths	8	Viola	24
Iris	15-20	Watsonias	11

FLOWER SEEDS

Page	Page		
Acroclinium	27-28	Godetia	31
Alyssum	27	Gypsophila	32
Anchusa	27	Hollyhock	32
Antirrhinum	27	Larkspur	33
Calendula	28	Linaria Marocana	32
Campanula	28	Linum	32
Candytuft	28	Lupin	32
Canterbury Bells	29	Mignonette	33
Centaureas	29	Myosotis	34
Cineraria	29	Nemesia	34
Clarkia	29	Nemophila	34
Columbine	29	Pansy	34
Coreopsis Grandiflora	30	Phlox	34
Cosmos	29	Polyanthus	35
Cynoglossum	30	Poppies	34-35
Daisy, New Giant	30	Pyrethrum	34
Delphinium	30	Scabious	38
Dianthus	30-31	Scabiosa Caucasicica	38
Digitalis	30	Schizanthus	35
Dimorphotheca	31	Statice	35
Eschscholtzia	32	Stock	35
Gaillardia	31	Sweet Peas	36-37
Gerbera	31	Sweet William	35
Geum	31	Thalictrum	38

New Double Gerberas---*Graceful & Lovely*



These Handsome Coming Cut-Flowers Keep Over Ten Days

HIS is a fascinating and valuable new development—a perfect double Gerbera of impressive size, magnificent form and dainty, charming coloring with the additional great virtues of lasting fully a week and a half in cut condition and making a rich, superb, showing in artificial light.

The flowers on well-grown plants measure 4 to 4½ inches across and are borne on strong stems 18 inches to 2 feet long. Instead of the open yellow disk common in the single variety the center is entirely filled with closely-set petals of beautifully-graduated lengths; and these, with long exterior radiate petals, are built into a blossom of exceeding grace and elegance. The short center petals are prettily dentated, a feature that adds much to the attractiveness of the whole.

In color these distinctive new Gerberas disclose a delightful range—from the most delicate tone of shell-pink to exquisite begonia-rose and light scarlet, with the many unusual and pleasing intervening shades. Their fine build, proportions and hues make them as decorative in their class as the new Howard & Smith Giant California Sunshine Asters. They are floral aristocrats without rivals yet easy of culture. Many thousand persons enjoyed the refined beauty of the new flowers as seen in our autumn exhibits and expressed their admiration.

The plants are of perennial duration and decidedly hot-weather subjects, attaining perfection of bloom during the warmer months. Owing to the fact that they are more or less sterile insofar as seed production is concerned propagation is principally by division, which makes them somewhat more costly.

We offer this striking novelty at the special introductory price of \$1.00 per plant or \$10.00 per dozen.